

# LOCAL COASTAL PROGRAM PLANNING GRANTS JOINT APPLICATION FORM

**DUE 5:00 P.M. JULY 7, 2014**

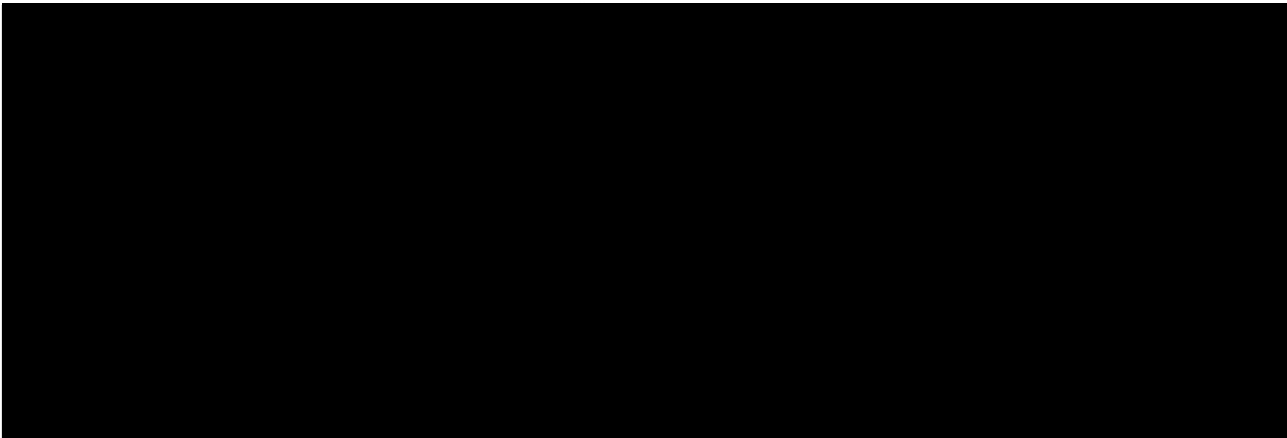
## APPLICANT INFORMATION

Indicate which grant programs you are applying for (can be one or both).

☒ OPC LCP Sea-Level Rise Grant

☒ Coastal Commission LCP Planning Grant

Applicant name (organization): City of Oxnard, Development Services Department



## PROJECT INFORMATION

Project title (start with name of city or county): Oxnard Sea Level Rise Analysis and LCP Update

LCP/ LCP Segment: City of Oxnard

Project location: City / Geographic area: City of Oxnard

County: Ventura

Project timeline: Start date: In progress since Jan. 1, 2014

End date: June 30, 2016

**Amount of Grant Proposal: \$75,000 OPC + \$75,000 CCC = \$150,000 Total**

## MAPS AND PHOTOS

Applications must include one map showing the planning area for the project. Additional photos or maps may be included as attachments if needed to illustrate the proposed project. Please note: any photos and maps you submit are subject to the unqualified and unconditional right of the State of California to use, reproduce, publish, or display, free of charge. Indicate if crediting is requested for the photos and/or maps. **NO CREDITING REQUESTED.**

# 1. Project Description

## A. Goals and Objectives

The requested \$75,000 Ocean Protection Council (OPC) grant, with a City match of \$75,000, would be utilized from time of award through 2015 (about 15 months) to prepare a City of Oxnard (Oxnard) comprehensive sea-level rise (SLR) analysis and adaptations consistent with Steps 1 to 4 (pgs. 38 to 63) of the Coastal Commission's Draft Sea-Level Rise Policy Guidance (Guidance). The requested \$75,000 Coastal Commission (CCC) grant, with a City match of \$75,000, would update the Oxnard LCP consistent with the Guidance Step 5 (pg. 63) and the CCC's 2007 and 2011 LCP Update Guide. The City would fund subsequent CEQA analysis and CCC certification expenses. The requested CCC and OPC grants and City match are further augmented by The Nature Conservancy (TNC) which, in cooperation with Federal and State agencies, is providing at no charge a Ventura County-specific sea-level rise (SLR) LiDAR data and scenario mapping tool valued at \$150,000. **Total funding (without later CEQA and CCC certification costs) for the Oxnard SLR analysis and LCP Update is \$450,000, a 2:1 match by the City and TNC (\$300,000) to the combined \$150,000 CCC and OPC grant request.**

Oxnard is located at the western edge of Ventura County with a 10.5 mile coastline between the Santa Clara River (north) and the Ormond Beach wetlands (south), as shown on the right and in more detail in Figures 1 to 5 on the following pages.

The Oxnard Coastal Zone has four LCP planning areas extending inland between 0.5 to 1.5 miles with a wide range of developed and habitat land uses and public infrastructure. The Coastal Conservancy and TNC own and manage large portions of the Santa Clara River and Ormond Beach wetlands and have sea-level rise adaptation policies and plans that conflict with the Oxnard LCP, originally adopted in 1982.





Figure 1: City of Oxnard, Local Coastal Program (LCP) Planning Areas

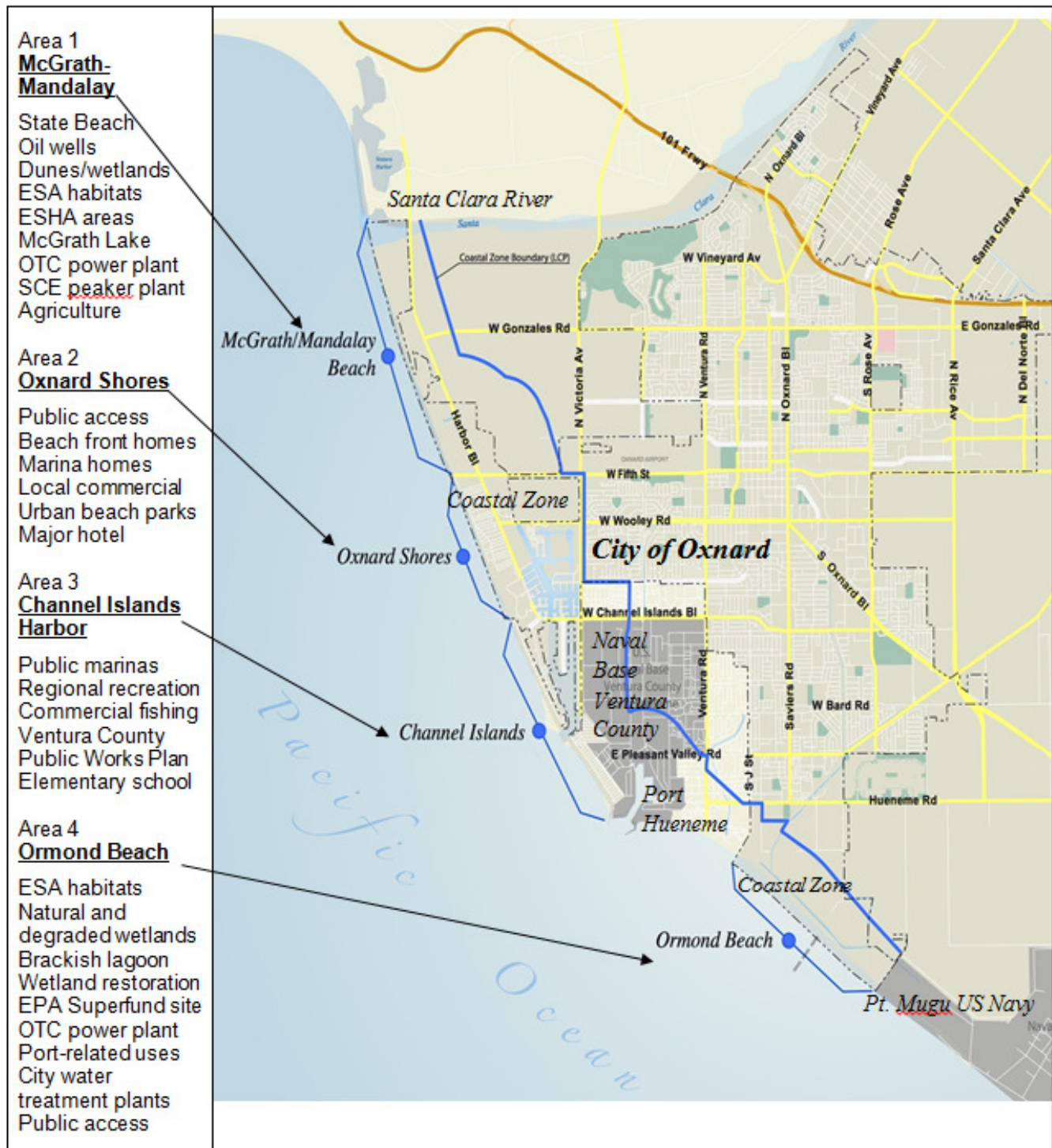


Figure 2: Area 1: McGrath-Mandalay ( — approximate Coastal Zone boundary)

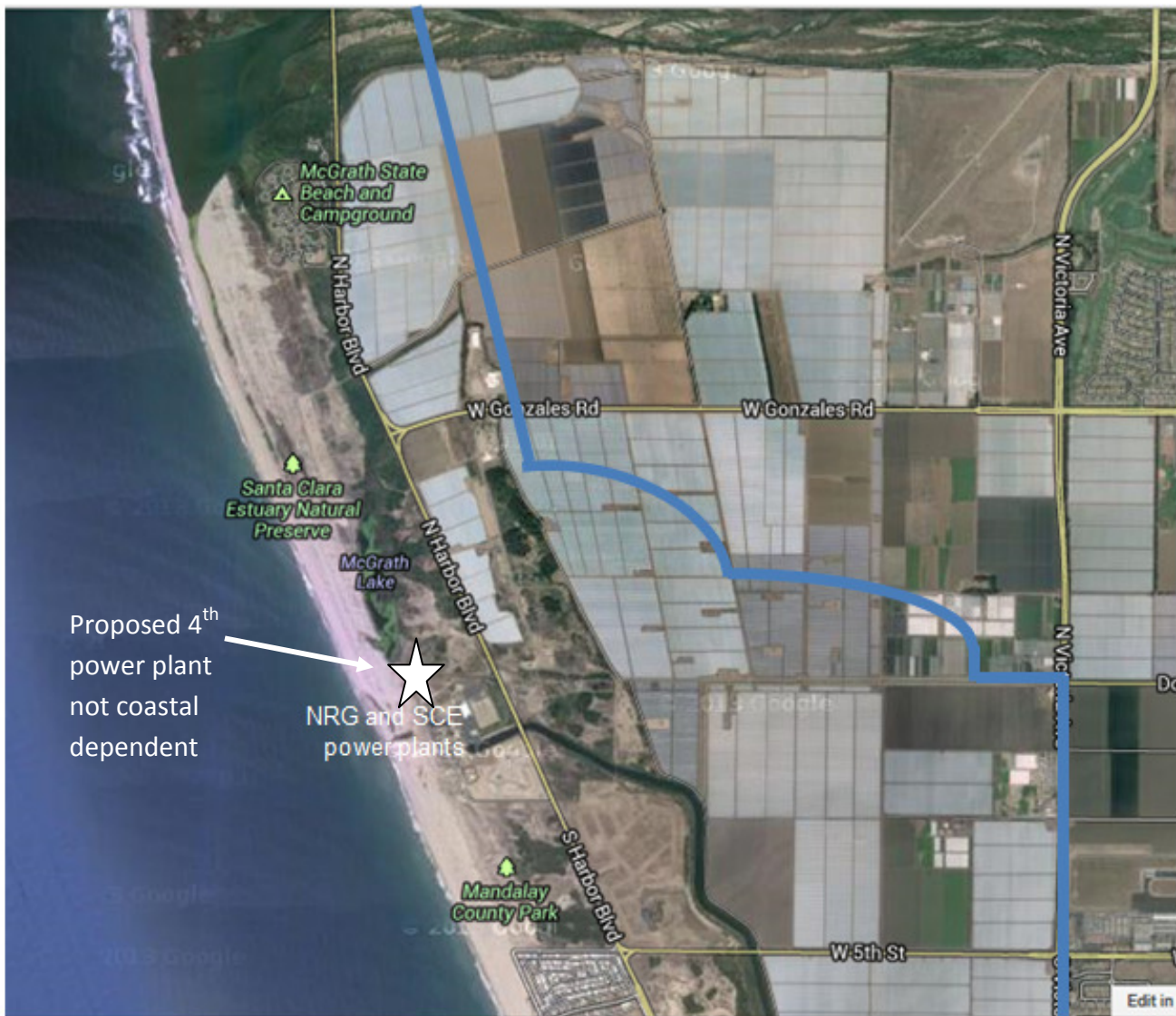




Figure 3: Area 2: Oxnard Shores ( — approximate Coastal Zone boundary)

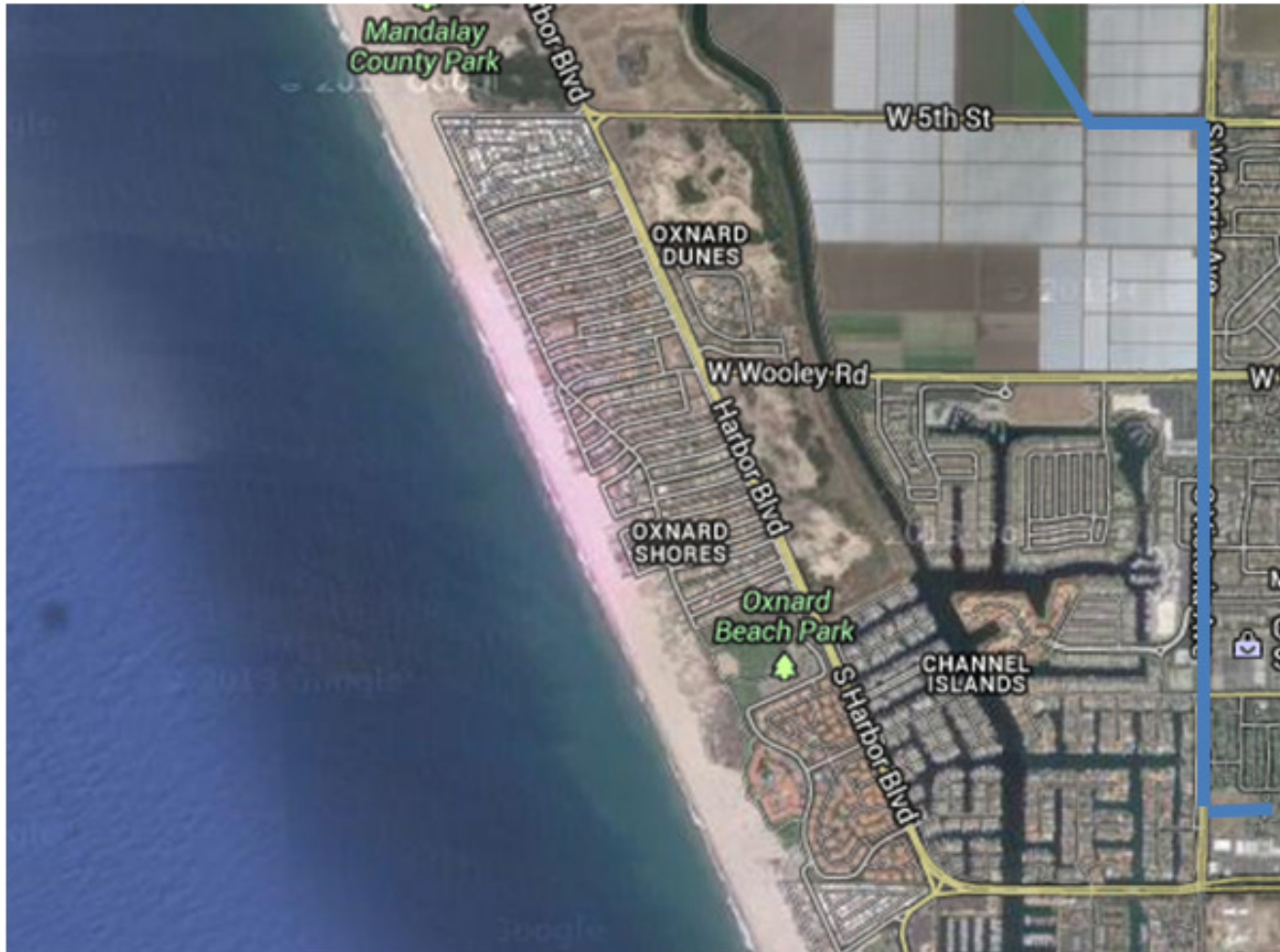


Figure 4: Area 3: Channel Islands Harbor (— approximate Coastal Zone boundary)

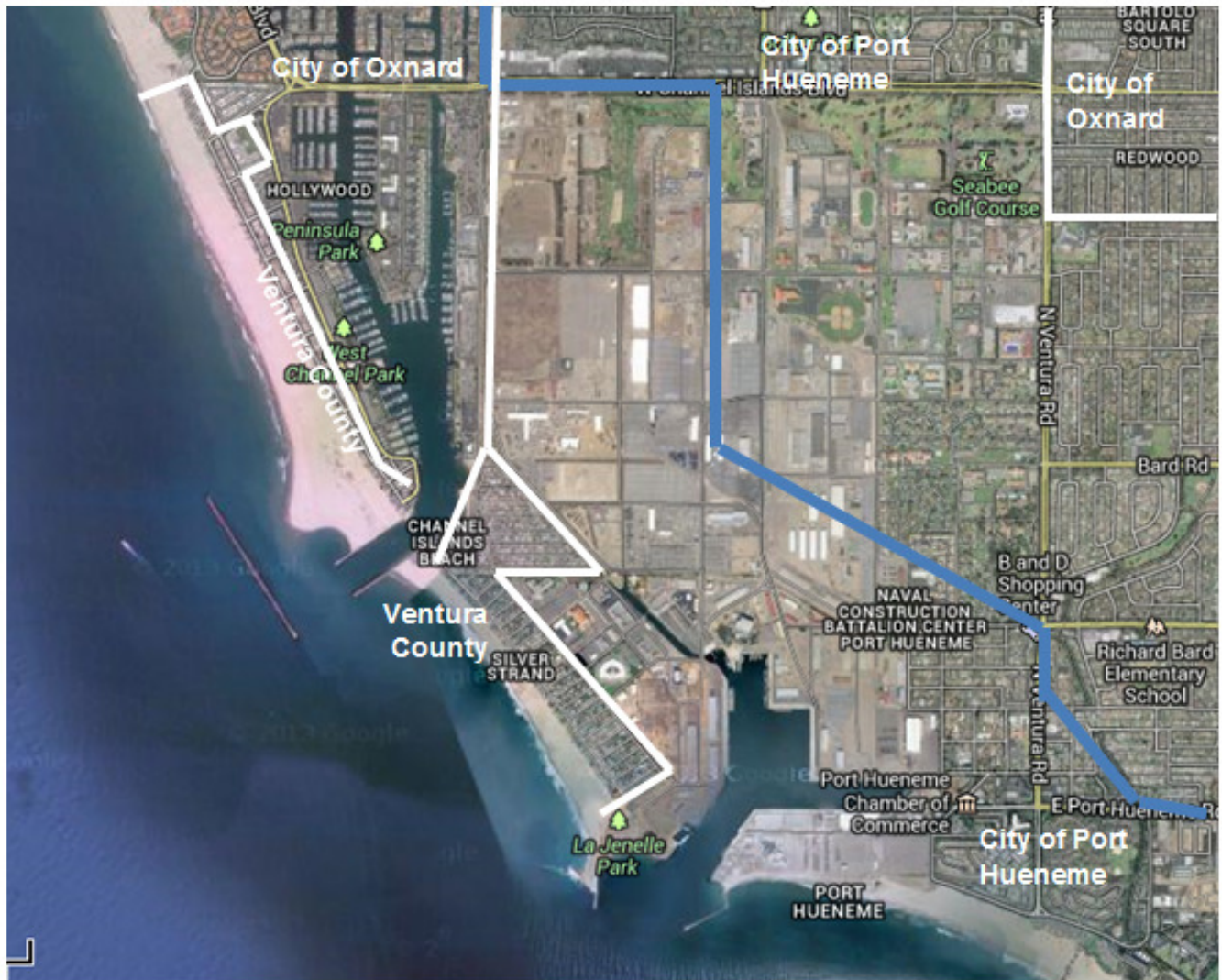






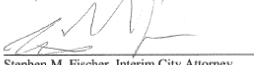
Figure 5: Area 4: Ormond Beach ( — approximate Coastal Zone boundary)



The immediate availability of TNC's high-quality LiDAR-based SLR data and modelling for the Oxnard and Ventura coastline (specifically recommended in the CCC Guidance, pg. 42); completion of the Coastal Conservancy's \$25 million 2009 Ormond Beach Wetland Restoration Feasibility Study; EPA's \$10 Million expenses to date for remediation of the Halaco Superfund site located in the Oxnard Coastal Zone; and the City's 2011 adoption of its \$1.8 Million 2030 General Plan that gives explicit direction to update the 1982 LCP, plan for sea-level rise, and incorporate the Ormond Beach wetland restoration, are, together, a convergence of efforts for a well-focused and successful LCP Update that begins with a sea-level rise analysis and adaptations (that would become a LCP chapter) widely applicable to coastal areas with similar environmental, economic, and environmental justice issues.

With \$133,000 City funds obligated and the \$150,000 TNC SLR LiDAR mapping tool in hand, the City will issue a RFP for consultants by mid-July, 2014 and begin the SLR analysis, followed by the LCP Update, with a target date of December 2016 for submission to the CCC for certification. **Please note, the City Council unanimously approved on July 1, 2014 an urgency moratorium (see Figure 6) on new non-coastal dependent and/or repowered OTC power plants in the Oxnard Coastal Zone.** The City Council sent a clear message that the City is serious about updating the LCP and that neither the energy industry nor the California Energy Commission should rely on the outdated 1982 Oxnard LCP with regards to three existing, or a possible fourth, power plants located on the Oxnard beach.

Figure 6 – July 1, 2014 Oxnard Urgency Ordinance “Power Plant Moratorium”

<p style="text-align: center;">CITY COUNCIL OF THE CITY OF OXNARD</p> <p style="text-align: center;">UNCODIFIED ORDINANCE NO. 2882</p> <p>ORDINANCE OF THE CITY OF OXNARD, CALIFORNIA, ADOPTING AN INTERIM URGENCY ORDINANCE PROHIBITING THE EXPANSION OF EXISTING, OR DEVELOPMENT OF NEW, ELECTRICAL GENERATING FACILITIES WITHIN THE COASTAL ZONE PURSUANT TO THE SOUTHERN CALIFORNIA EDISON REQUEST FOR OFFER PROCESS PENDING STUDIES AND CHANGES IN THE LOCAL COASTAL PROGRAM AND ZONING ORDINANCES AND OTHER LAND USE REGULATIONS.</p> <p>THE CITY COUNCIL OF THE CITY OF OXNARD DOES HEREBY FIND AS FOLLOWS:</p> <p>WHEREAS, the California Coastal Act (“Coastal Act”) was enacted to protect and preserve the California Coastal Zone as an environmental, recreational and economic resource for the benefit of all Californians; and</p> <p>WHEREAS, Section 30001.5(d) of the Coastal Act states the Legislature’s finding that one of the basic goals of the State for the coastal zone is to “[a]ssure priority for coastal-dependent and coastal-related development over other development on the coast”; and</p> <p>WHEREAS, Section 30004(a) of the Coastal Act states the Legislature’s finding that “[t]o achieve maximum responsiveness to local conditions, accountability, and public accessibility, it is necessary to rely heavily on local government and local land use planning procedures and enforcement”; and</p> <p>WHEREAS, Section 30006 of the Coastal Act states the Legislature’s finding that “the public has a right to fully participate in decisions affecting coastal planning, conservation, and development; that achievement of sound coastal conservation and development is dependent upon public understanding and support; and that the continuing planning and implementation of programs for coastal conservation and development should include the widest opportunity for public participation”; and</p> <p>WHEREAS, Section 30006.5 of the Coastal Act states the Legislature’s finding that “sound and timely scientific recommendations are necessary for many coastal planning, conservation, and development decisions”; and</p> <p>WHEREAS, three electrical generating facilities (Power Plants) are currently located in the City’s coastal zone, two of which are once-through cooling (OTC) facilities that use ocean water for cooling and were originally built by Southern California Edison (SCE) prior to enactment of the Coastal Act and certification of the Oxnard Local Coastal Program (LCP); and</p> <p>WHEREAS, on May 4, 2010 the State Water Resources Control Board adopted Resolution No. 2010-0020, generally requiring that the use of existing power plant cooling systems that rely on natural ocean waters be terminated throughout the State of California by 2020; and</p> <p>WHEREAS, the expansion, alteration or addition of any Power Plant that does not require OTC would not be a coastal dependent facility within the meaning of the Coastal Act, and would therefore be inconsistent with the development policies and priorities of the Coastal Act; and</p>	<p>Interim Urgency Ordinance No. <u>2882</u> Page 2 of 4</p> <p>WHEREAS, the Oxnard 2030 General Plan established the City’s commitment to updating the LCP with consideration of climate change, particularly to clarify that “non Coastal-dependent energy facilities are not allowed in the Energy Coastal zone with exceptions for renewable energy installations such as solar panels and wind turbines under certain conditions and consistent with the Coastal Act” (CD-21.2) and that the LCP update “has the intent and effect of eventual decommissioning of the [Power Plants] by: 1) land use designation change, 2) amortization, 3) revised development standards, 4) transferable development rights and/or other methods (CD-21.3)”; and</p> <p>WHEREAS, the City has appropriated funds for, and applied for additional grant funds for, conducting a comprehensive study of the potential impacts of sea level rise (SLR) on the coastal zone, and expects to begin the SLR mapping analysis within three months and complete an update to land uses as needed based on SLR impacts and compatible uses within approximately 18 months; and</p> <p>WHEREAS, based on the SLR study, the City will seek to amend its LCP and other City planning policies and land use regulations to include adaptation measures, new or revised policies, and/or ordinances that protect energy infrastructure from expected impacts of SLR or prohibit critical energy infrastructure in areas or situations where SLR adaptation measures are not available; and</p> <p>WHEREAS, SCE is soliciting proposals through a Request for Offer process (RFO) for electrical generating facility projects, and the operator of the existing OTC Power Plants has indicated it will submit a proposal for a project on its property within the City’s coastal zone; and</p> <p>WHEREAS, in order to protect the public health, safety and welfare, it is now necessary for the City to undertake action to review and revise applicable provisions of the City’s LCP and other City planning policies and land use regulations so that applications submitted pursuant to SCE’s RFO process for electrical generating facilities in the City’s coastal zone may be properly analyzed consistent with the policies of the Coastal Act and the Oxnard 2030 General Plan; and</p> <p>WHEREAS, it is anticipated that electrical generating facility proposals submitted through the RFO process will have generating capacity above 25 MW, and that installation of other types of electrical generating facilities, such as solar panels, would have a lower generating capacity and, thus, would not be proposed through the RFO process; and</p> <p>WHEREAS, an application for approval of any new electrical generating facility or alterations to any existing electrical generating facility in the City’s coastal zone poses an immediate threat to the public health, safety, and welfare, in that approval of such application would result in potential placement of a critical infrastructure facility that would be subject to failure due to storm surge, wave run-up, erosion, or Tsunami inundation; and</p> <p>WHEREAS, Government Code § 65858 provides that a city council may adopt by a four fifths vote as an urgency measure an interim ordinance prohibiting any uses that may be in conflict with a general plan or zoning measures that the city is considering or studying or intends to study within a reasonable time; and</p> <p>WHEREAS, this urgency interim ordinance is not a project within the meaning of Public Resources Code Section 21065 and CEQA Guidelines Section 15378 because it has no potential for resulting in physical change to the environment, either directly or indirectly.</p>
<p>Interim Urgency Ordinance No. <u>2882</u> Page 3 of 4</p> <p>NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF OXNARD DOES ORDAIN AS FOLLOWS:</p> <p>Part 1. There is hereby imposed a moratorium on the approval of any special use permit, coastal development permit or any other discretionary City permit or approval for the construction, expansion, replacement, modification or alteration of any facilities for the on-site generation of electricity on any property located within the coastal zone, as designated by the California Coastal Act, within the City of Oxnard.</p> <p>Part 2. It is the intent of the City Council that any proposal for new or modified non-coastal dependent electrical generating facilities within the City’s coastal zone during the period of the moratorium shall be considered inconsistent with this Ordinance and with the City’s land use policies and zoning regulations for all purposes, and by all agencies charged with reviewing any application for such use.</p> <p>Part 3. On or before 45 days following the adoption of this ordinance, the City Council shall hold a public hearing to consider extending this ordinance for 10 months and 15 days pursuant to Government Code section 65858(a). The City Clerk is directed to notice the hearings as required by Government Code section 65090.</p> <p>Part 4. The City Council hereby finds that the above recitals are true and correct and incorporates the recitals herein by reference as if set forth in full.</p> <p>Part 5. This ordinance is hereby declared to be an interim urgency measure to protect the public health, safety and welfare and shall take effect immediately upon its adoption. The findings constituting the urgency are set forth above in the recitals to this ordinance and represent a current and immediate threat to the public health, safety or welfare in that approval of additional development or expansion of energy generating facilities within the Coastal Zone while the City’s LCP update is pending would result in potential placement of a critical infrastructure facility that would be subject to failure due to storm surge, wave run-up, erosion, or Tsunami inundation.</p> <p>Part 6. If any section, subsection, sentence, clause, or phrase of this ordinance is for any reason held to be invalid or unconstitutional by the decision of any court of competent jurisdiction, such decision shall not affect the validity of the remaining portions of the ordinance. The City Council hereby declares that it would have passed this ordinance and each section, subsection, sentence, clause, and phrase thereof, irrespective of the fact that anyone or more sections, subsections, sentences, clauses, or phrases be declared invalid or unconstitutional.</p> <p>Part 7. This ordinance shall be effective immediately upon passage and shall be of no further force and effect after 45 days of the date of its adoption unless extended by the City Council pursuant to Part 3.</p> <p>Part 8. At least ten days prior to the expiration of this interim ordinance, the City Council shall issue a written report describing the measures it has taken to alleviate the conditions which led to the adoption of this ordinance.</p>	<p>Interim Urgency Ordinance No. <u>2882</u> Page 4 of 4</p> <p>Part 9. Within fifteen days after passage, the City Clerk shall cause this ordinance to be published one time in a newspaper of general circulation, published and circulated in the City.</p> <p>AYES: Councilmembers Flynn, Ramirez, MacDonald, Padilla and Ferello.</p> <p>NOES: None.</p> <p>ABSENT: None.</p> <p>ABSTAIN: None.</p> <p style="text-align: right;">         Tim Flynn, Mayor     </p> <p>ATTEST:</p> <p style="text-align: center;">         Daniel Martinez, City Clerk     </p> <p>APPROVED AS TO FORM:</p> <p style="text-align: center;">         Stephen M. Fischer, Interim City Attorney     </p>



The City's goals and objectives are:

**1) Conserve and protect Oxnard area coastal resources from future sea-level rise impacts and storm flooding events using best-available science, economic impact assessments, and a wide range of effective, feasible, and appropriate adaptation strategies.**

- Objectives: (1-1) Use best available science to guide LCP planning and development decisions  
 (1-2) Minimize coastal hazards to life, property, and the environment  
 (1-3) Maximize appropriate visitor access and recreation opportunities  
 (1-4) Protect and enhanced coastal habitat and ESA endangered species  
 (1-5) Foster appropriate coastal-dependent economic activities  
 (1-6) Balance development with continued coastal agricultural preservation  
 (1-7) Evaluate risk to critical infrastructure, especially coastal power plants

**2) Foster effective interagency coordination between [Federal] U.S. Navy, FEMA, EPA, NOAA, Army Corps of Engineers, National Park Service, U.S. Fish and Wildlife, [State] State Lands Commission, Parks and Recreation, CSU Channel Islands, Coastal Commission, Ocean Protection Council, Fish and Wildlife, Coastal Conservancy, Energy Commission, Public Utilities Commission, [Local] County of Ventura, Hueneme School District, Oxnard School District, City of Port Hueneme, Oxnard Harbor District, Port Hueneme Water Agency, and Channel Islands Beach Community Services District.**

- Objectives: (2-1) Create and effectively utilize an agency stakeholder group  
 (2-2) Develop a website for communication and document sharing  
 (2-3) Prepare sea-level rise adaptation approach with Stakeholder consensus

**3) Have significant public involvement from residents, non-governmental organizations, businesses, and environmental justice groups.**

- Objectives: (3-1) Create a public stakeholders group, anchored by the existing *Ormond Beach Task Force* and *Friends of the Santa Clara River* organizations  
 (3-2) Use City website and local media for communication and Spanish outreach  
 (3-3) Involve public in workshops and Planning Commission and City Council hearings

**4) Develop LCP sea-level rise adaption, with a preference for living and soft approaches.**

- Objectives: (4-1) Be consistent with Coastal Commission's Sea-Level Rise Policy Guidance  
 (4-2) Identify feasible Adaptation Strategies, with Commission staff input  
 (4-3) Economic evaluations of Adaptation Strategies, preference for soft protection  
 (4-4) Complete LCP Sea-Level Rise Adaptation chapter

**5) Update the Local Coastal Plan and Implementation Code (City Code Chapter 17).**

- Objectives: (5-1) Update consistent with the CCC 2007 LCP Update Guide (as revised)  
 (5-2) Invite review by Ventura Coastal Commission staff on regular basis  
 (5-3) Be internally consistent with new LCP Sea-Level Rise Adaptation chapter  
 (5-4) Update City Code Chapter 17, Implementation, consistent with LCP Update  
 (5-5) Complete CEQA review (separate City funding)  
 (5-6) Adopt LCP Update and forward to the Coastal Commission for certification

**6) Complete draft SLR Analysis and Adaptation Report within 12 months and proactively share best practices, documents, and sea-level rise adaptation strategies and their respective context.**

- Objectives: (6-1) Identify jurisdictions with similar coastal issues  
 (6-2) Present SLR Report to a professional conference  
 (6-3) Present completed LCP Update to a professional conference

## B. Project Details

### i. Public Benefit

The proposed SLR Analysis and Adaptations Report and LCP Update builds on two significant LCP/sea-level rise planning efforts that have garnered considerable and continuing Coastal Commission, Coastal Conservancy, OPC, and regional public participation: 1) the Ormond Beach Wetlands Restoration Feasibility Study [<http://oxnardcoastalwetlands.org/>], and 2) the TNC Ventura Coastal Resilience Project [<http://www.coastalresilience.org/geographies/ventura-county>]. As much of the outreach and science are completed for both of these major efforts, the Oxnard LCP can quickly move to completion of the full LCP update. The project benefits are:

- 1) **High cost-effectiveness.** The requested \$75,000 OPC grant leverages TNC's already completed \$150,000 sea level rise LiDAR science and the City match of \$75,000. The requested \$75,000 CCC grant is also matched by the City. The total budget of \$450,000 is a 3:1 grant match rate, not counting subsequent CEQA and certification expenses.
- 2) **Relatively fast delivery of the initial LCP sea-level analysis.** Using TNC's already completed LiDAR sea-level modeling, the City is proceeding with a SLR vulnerability assessment and agency and public consensus on adaptation responses within 15 months of the OPC grant.
- 3) **Transferability:** Oxnard's 10.5 miles of coastal zone present a wide range of SLR challenges and adaptation opportunities found in many coastal communities: the inland progression of wetlands, coastal agricultural preservation, river estuary expansion, marinas and beachfront homes, power plants designated for 2020 decommissioning, and a beachfront state park. Oxnard is a full-service General Law city and able to initiate LCP policies and programs and evaluate their success or failure. Also, Oxnard is a majority-minority community and the LCP update, by necessity, will use additional public outreach and Spanish translation.
- 4) **Nature-Based Adaptations.** Oxnard has wetlands, coastal agriculture, and wide beaches with natural back dunes that suggest several opportunities for nature-based adaptations. The City has already adopted the Coastal Conservancy's Ormond Beach Wetlands Restoration Plan that includes land for natural inland migration of the wetlands. However, the current 1982 LCP does not reflect the Conservancy's plan.
- 5) **Intergovernmental Cooperation.** The TNC and Coastal Conservancy projects have extensive local Federal and State agency stakeholders that, when combined, would become the core of the City's SLR Analysis and LCP Update stakeholders. Individuals are known to each other, the issues and interests of the respective agencies are already shared, and the Oxnard coastal zone's constraints and opportunities are well known to these groups.
- 6) **High Public Participation.** The 20-year old Ormond Beach Task Force provides a jump start on public outreach, as one of the most active interest groups in the area.
- 7) **Wetlands, ESA Habitat, and ESHA Protection and Restoration.** The LCP update will lead to the integration of the Ormond Beach Wetlands Restoration into the Oxnard LCP and enhance



and expand habitats for three EPA-endangered species and remnant ESHA back dunes. The CCC grant will be used for GIS mapping of ESHA areas.

- 8) **Protecting and Enhancing Visitor Access.** The LCP update would lead to a permanent relocation plan for the McGrath State Beach (to avoid recurring Santa Clara River estuary flooding and erosion), the protection of Oxnard's coastal access and marina facilities, and extend new appropriate public access into the restored Ormond Beach wetlands. Affordable public access will be even more available to the majority-minority population in Oxnard (74% Hispanic) and the region. The County of Ventura's harbor and marina Public Works Plan, located within Oxnard City limits, governs extensive public access and recreation facilities and will be coordinated with the City LCP. The Ventura County Watershed Protection District has Prop 84 funds to cover a half-mile open regional storm drain that leads to the Ormond Beach wetlands, providing direct public access from South Oxnard to the coastal zone.
- 9) **Protected Priority Land Uses.** The LCP updated will enable continued coastal agriculture (located mostly in the County), compatible long-term operations of the Port of Hueneme and Naval Base Ventura County, fishing, offshore drilling, and other appropriate coastal dependent commercial uses compatible with recreation and visitor serving uses.
- 10) **Removal of Halaco Superfund Site and two OTC Power Plants.** The LCP update will include decommissioning and removal of two OTC power plants in an appropriate, the removal of the Halaco EPA Superfund site, and remediation of these three sites for additional coastal access and to facilitate nature-based sea-level rise adaptations timeframe (consistent with policies in the 2030 General Plan) .

## ii. Relative Need for LCP Update/Extent of Update

The TNC sea-level rise mapping tool utilizes recent LiDAR data and modeling science consistent with the Commission's Guidance and 2012 National Research Council (NRC) study. Oxnard's coastal zone geography and sea-level rise issues and adaptations necessitate close cooperation and stakeholder involvement with Oxnard's neighbors, and full sharing of all resulting documents and lessons learned. (Figures 1 to 5 provide more detail for each of the four Oxnard LCP Planning Areas and their respective existing conditions, opportunities, and constraints.)

**Figures 7 and 8 on the following pages are TNC-produced sea-level rise storm and tidal inundation maps depicting existing and projected storm flood hazard zones that already threaten much of the Oxnard Coastal Zone and portions of the County of Ventura, City of Port Hueneme, and Naval Base Ventura County.** Oxnard's 10.5 mile coastal zone has a wide range of urgent sea-level rise-related vulnerabilities and adaptation challenges that are of Federal, State, and local significance: local and state parks and public recreation; commercial harbor and coastal-dependent industry; wetlands and three endangered species habitats; remnant backdunes and ongoing coastal agriculture; littoral and dune erosion; vulnerable and vital public utility infrastructure; two OTC power generation facilities; on and off-shore oil extraction facilities; large public and private marinas, river levees and flood control channels, and many beachfront private homes.

Figure 7 Combined Storm Flood Hazard Zones: Existing, 2030, 2060, and 2100

Source: The Nature Conservancy Coastal Resilience Project, Ventura County, 2014. Approximate City limits. City of Port Hueneme, Naval Base Ventura County, and several unincorporated Ventura County areas included in the Coastal Zone.

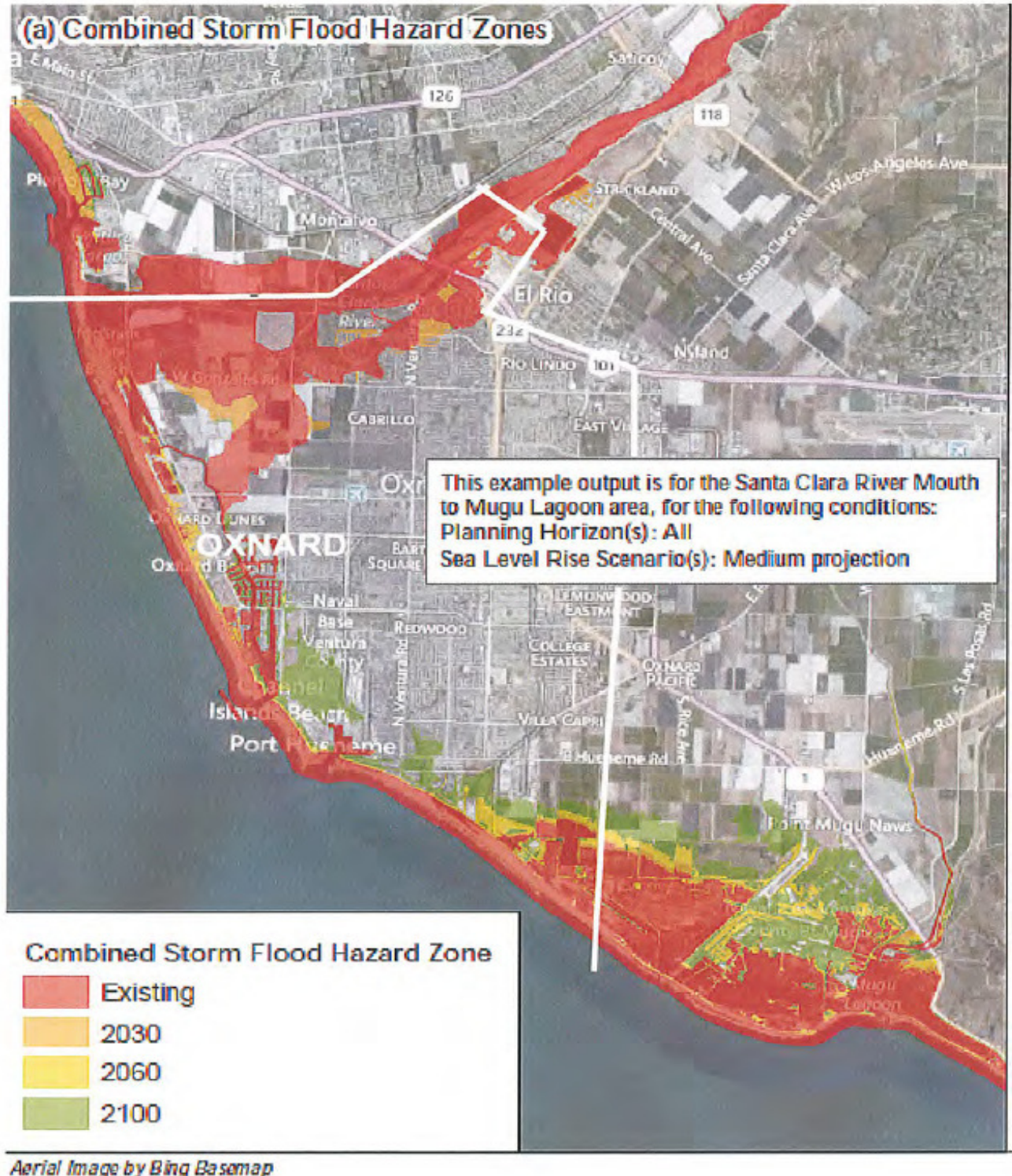
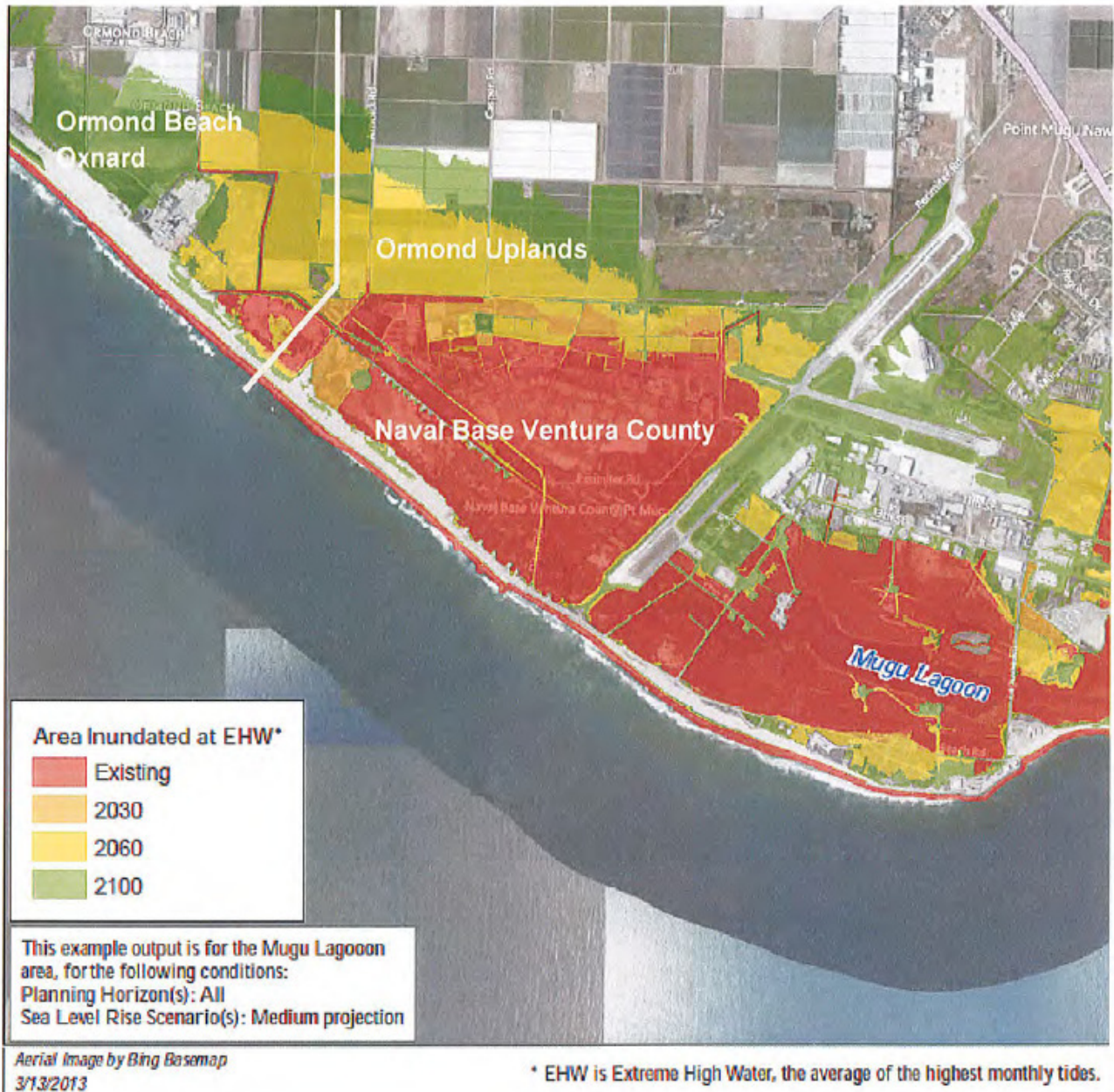




Figure 8 Extreme High Water Inundation Area: 2030, 2060, 2100

Source: The Nature Conservancy Coastal Resilience Project, Ventura County, 2013  
 Approximate City limits. Naval Base Ventura County and unincorporated Ventura County areas included within Oxnard Planning Area



### iii. Addressing the Effects of Climate Change

In 2011, the City Council adopted the Oxnard 2030 General Plan with a new chapter, “Sustainable Community,” that reflects AB32 and SB375, subsequent regulations and legislation, and the City’s commitment to take climate change seriously and quickly. The City has a draft Climate Adaptation Action Plan (CAAP) in progress and an adopted City and Community Energy Action Plan with a goal to decrease local electric and natural gas consumption by an additional 10% by 2020 beyond that expected by CPUC portfolio and State building code mitigation programs. This year (2014), the City began two initiatives to further reduce vehicle GHG emissions: a Caltrans planning grant to “re-vision and rebuild” Oxnard Boulevard (formerly State Highway 1) as a high-quality, mixed-use, transit-oriented boulevard; and a Ventura County Transportation Commission planning grant to develop a Citywide Transportation Demand Management (TDM) ordinance. Since 2010, the City completed \$1.8 million in ARRA-funded energy upgrades and has been awarded several Prop 84 “greening” and water conservation grants. Finally, the City’s state-of-the-art Advanced Water Purification Facility will begin full recycling of 6,000 acre feet of wastewater within the next year, providing high-quality water for coastal agriculture and aquifer injection to prevent sea-water intrusion.

### iv. Likelihood of Success/Effectiveness

**The OPC and CCC requested grants, \$75,000 each, guarantee that the City will have adequate funds on hand to complete the already-started SLR analysis, and use the SLR analysis for a full LCP Update. The grants will be used only for expert consultants while the City’s matching funds will essentially cover all other and outreach expenses.** The City is using its local half-cent local sales tax (Measure ‘O’) and General Plan maintenance building permit fee (\$2.40 per \$1,000 permit value) for the match, and will use future accruals for subsequent CEQA review and CCC certification.

The Oxnard 2030 General Plan demonstrates the City’s commitment to updating the LCP in a manner consistent with CCC guidance and fully incorporating sea-level rise. **Goals SC-1 and SC-2, “Climate Change and Global Warming Awareness” and “Sea Level Rise Awareness and Planning,”** respectively, commit the City to including best-available sea-level rise information in a comprehensive LCP Update. **Goal CD-21, “Update the Oxnard Local Coastal Program,”** has four implementing policies that give initial direction to an Oxnard LCP Update: **CD-21.1 Removal of Liquid Natural Gas Reference, CD-21.2 Modify non-Coastal Dependent Energy Uses, CD-21.3 Future Use of Coastal Power Plants, CD-21.4, and Coastal Zone Land Use Designation Changes.** **Goal CD-22 calls for the restoration of the Ormond Beach wetlands.** The Pacific Institute’s 2009 sea-level rise map is in the 2030 General Plan as Figure 2-1, possibly the only coastal general plan to include a sea level rise map. The 2030 General Plan changed almost all undeveloped coastal-dependent industrially-designated parcels in Ormond Beach to Resource Protection (RP), paving the way for the Conservancy’s wetlands restoration plan.

Implementation of the Oxnard LCP and City Code Chapter 17 (Coastal zoning) over the past 30 years has been routine and all 17 Oxnard LCP amendments were approved by the Coastal Commission. City Code Chapter 17 has a TDR program that was implemented as part of the acquisition of beachfront public access parcels and may be a tool, in the long run, to relocate existing and future coastal entitlements. The City anticipates the consideration of transferable development rights (TDR) and interim or limited-time coastal permits as SLR adaptation implementation tools.

**v. Workload and Permit Streamlining**

Updating the LCP to be consistent with the adopted 2030 General Plan in the Ormond Beach area will allow the Coastal Conservancy to move forward with their Ormond Beach Wetlands restoration research and funding knowing the City can accept Coastal Development Permit applications after the LCP update is certified by the Commission. In the current context, the City is in the awkward position of having a 2030 General Plan and 1982 LCP and coastal zoning that do not match in several critical resource locations. **At the present, the City would have to accept industrial development applications and, except for the July 1 passage of the moratorium, power plant proposals for areas planned for wetland restoration because the 1982 LCP is not updated.** Santa Clara River levee FEMA certification review is complicating entitled development. As river levees may be impacted by the SLR vulnerability analyses, it would be better to analyze SLR and levees in tandem rather than separately, as will be the case if the OPC and CCC grants are not approved and the LCP SLR analysis and full LCP Update is completed later, than sooner.

**vi. Project Integration/Leverage/Matching Funds**

The Oxnard LCP update integrates, leverages, and matches funding as follows:

Integration: The LCP update will incorporate the Coastal Conservancy's Ormond Beach Wetlands Restoration Feasibility Plan (Alternative 2U); the Ventura County Harbor Public Works Plan, and the McGrath State Beach Master Plan. These three agencies will be key agency stakeholders with the City to create an integrated Oxnard LCP for their facilities within Oxnard city limits.

Leveraged: **Over \$35 Million in Federal and State public funds is leveraged by the requested grants.** The Coastal Conservancy's Ormond Beach Wetlands Restoration research and planning work to date exceeds \$25,000,000. The US EPA has expended about \$10,000,000 on the Halaco Superfund site adjacent to the Ormond Beach wetlands that is also planned for wetland restoration, yet still carries "Coastal Dependent Industrial" LCP and zoning designations that must be changed by the LCP Update. Neither project can be completed until the Oxnard LCP is updated.

Matching Funds: As stated earlier, TNC estimates the value of the Oxnard-specific sea-level rise LiDAR database and SLR and storm event modeling at \$150,000 (The TNC letter of support is attached). TNC's work is directly related to the proposed scope of work and is, in essence, the completed "science" task (Steps 1 and 2 in the Guidance).

City Council Resolutions 14,655 (for the CCC) and 14,565 (for the OPC) demonstrates the City's existing \$133,000 encumbrance and intent to fully match the two \$75,000 grants. When additional funds are needed in subsequent years for CEQA and LCP certification, the City will utilize revenue from an annual \$11 million local ½ cent sales tax (Measure 'O' that is largely earmarked for police, fire, paving, and parks but from which the City Council has drawn for special projects), and/or the General Plan maintenance fee on building permits that should receive about \$150,000 per year.



## 2. Work Program and Schedule

The City's SLR Analysis and Adaptation Report and subsequent LCP Update work program is matched to Steps 1 to 5 outlined in the Guidance, pages 38 to 63. The LCP Update task is modelled after the 2007 and 2011 LCP update implementation Guidelines. The ongoing management and CEQA documentation tasks (to be City-funded separately) are also included in the work program.

The initial four SLR analysis tasks with the \$75,000 OPC grant support would be completed by the end of 2015. The City started the SLR analysis earlier this year by obtaining the TNC LiDAR mapping GIS data and documentation, now in hand. The City will issue a RFP for SLR technical consultants by mid-July and the requested OPC \$75,000 grant would be used for the SLR consultants: all other costs would be covered by the City. The SLR consultants would immediately use the TNC modeling data and tools and model local hydrological impacts and prepare a short, medium, and long term SLR vulnerability analysis. The City would engage agency and public stakeholders in identifying, evaluating, and selecting adaptation strategies (preference for nature-based) and prepare the Sea-Level Rise Analysis and Adaptations.

Overlapping the four tasks above, the requested CCC \$75,000 grant would be used to retain the LCP Update consultant team. With City matching funds, the consultants would update the Oxnard LCP based on the SLR analysis, consistent with the CCC 2007 and 2011 Update Implementation Guidelines. The 1982 LCP Word documents and maps have been verified with the Ventura CCC office. The initial task is to GIS map ESHA in detail. Task 5 is expected to take at a minimum 12 months, and the City commits to funding until completed. As many coastal issues are expected to be addressed during the preparation of the SLR analysis and major policy decisions were previously incorporated in the 2030 General Plan, the LCP Update and implementation revisions should move along relatively quickly.

### TNC - Best Science - Coastal Resiliency Ventura Project

TNC and its expert partners use dynamic models to project changes in shoreline, fluvial flooding, and associated ecological systems under 2030, 2060, and 2100 climate change scenarios for the Ventura County coastline, which includes the entire Oxnard coast. TNC modeling includes three levels of sea-level rise consistent with NRC guidance and three levels of storm intensity combined with Santa Clara River hydrologic flows. Attachments 6 and 7 are inundation maps based on TNC LiDAR data and modeling. The TNC support letter provides additional general information about the Ventura County Coastal Resiliency project. The TNC data and GIS layers are at the City and integrated with the City's ArcInfo geodatabase.

The proposed OPC-grant project would have four tasks completed by the end of 2015, leading to the CCC-funded LCP Update certification a year later. City funding would continue, as needed, for CEQA and CCC certification as needed.

### **SCHEDULE**

Proposed OPC/CCC grants starting date:	<u>9/1/2014 (or when awarded)</u>
Completion of OPC-funded tasks:	<u>12/31/2015 (SLR Analysis and Adaptation Report)</u>
Completion of CCC-funded tasks:	<u>12/31/2016 (local LCP adoption with CEQA)</u>
City match-funding starting date:	<u>began 1/1/2014</u>
TNC in-kind contribution:	<u>completed, TNC available for assistance.</u>
Estimated CCC Certification:	<u>12/31/2017 (1 year after LCP local adoption)</u>

**WORK PROGRAM/SCOPE**

<b>Task 1. SLR Scenarios &amp; Projections</b>	<b>OPC FUNDED: GUIDANCE STEP 1</b>
1.1 Planning Horizons	Existing, 2030, 2060, and 2100
1.2 Best Available Science Projections	TNC LiDAR data and science are NRC consistent
1.3 Prepare SLR Projection Summary report	OPC grant-funded consultant prepares, with City and stakeholder review
1.4 Public outreach	Public meetings, Planning Commission study session
Documents and web-postings: Task 1.3 Report TNC Technical Documentation Presentation PPT and related materials	Completion within 3 months of 9/1/2014 award Target date: 12/31/2014 Cumulative from OPC award: + 3 months
<b>Task 2. STEP 2 SLR Mapping</b>	<b>OPC FUNDED: GUIDANCE STEP 2</b>
2.1 Determine local hydrology	Engineering consultant to work with Public Works
2.2 TNC SLR Scenarios Mapping	storm events, coastal erosion, fluvial interaction
2.3 Prepare SLR Map Atlas and report	SLR and Engineering Consultants, City GIS
2.4 Public outreach	Combination of Task 1.3 and 2.3 reports: Facilitator
Document and web-postings: Task 2.3 Report SLR Map Atlas, scenario descriptions Presentation PPT and related materials	Completion within 3 months Target date: 3/31/2015 Cumulative from OPC award: + 6 months
<b>Task 3. Planning Areas Risk Assessments</b>	<b>OPC FUNDED: GUIDANCE STEP 3</b>
3.1 Area 1: Fifth Street to Santa Clara River	Engineering and SLR Consultants, Public Works
3.2 Area 2: Channel Islands to 5 <sup>th</sup> Street	Engineering and SLR Consultants, Public Works
3.3 Area 3: Channel Islands Harbor	Engineering and SLR Consultants, Public Works
3.4 Area 4: Ormond Beach	Engineering and SLR Consultants, Public Works
3.5 Summary of Four Areas SLR Risk Assessments	SLR consultant, Agency Stakeholder review/revise
3.6 SLR Risk Assessment Economic Impact	Economic Consultant, PAC, Agency Stakeholder
3.7 Public outreach	Facilitator presents Tasks 3.5 and 3.6, feedback Joint Planning Commission/City Council study
Document and web-postings: Task 3.5 Summary Task 3.6 Economic Impact report Presentation PPT and related materials	Completion within 3 months Target date: 6/30/2015 Cumulative from start: + 9 months
<b>Task 4. SLR Adaptation Measures</b>	<b>OPC/CITY FUNDED: GUIDANCE STEP 4</b>
4.1 SLR Adaptation Best Practices white paper	SLR Consultants, with stakeholder input
4.2 New Development: Location and Planning	SLR and Engineering consultants work with stakeholders in a series of workshops developing adaptation measures consistent with the Guidance, Steps 4.1 to 4.9.
4.3 Hazards and Shoreline/Beaches	
4.4 Public Access and Recreation	Existing conditions and impacts are documented for purposes of CEQA documentation by separate City-funded CEQA consultant.
4.5 Coastal ESA and ESHA Habitats	
4.6 Agricultural Preservation and Enhancement	SLR and Engineering consultants work with
4.7 Water Quality	
4.8 Archeological & Paleontological Resources	SLR and Engineering consultants work with
4.9 Scenic and Aesthetic Resources	
4.10 OTC, Energy Uses, and Coastal Industrial	SLR and Engineering consultants work with
4.11 Ormond Beach Wetlands and Halaco site	

4.12 Santa Clara River Estuary and State Beach	Conservancy, State Parks, and Ventura County Harbor Department to ensure consistency with respective agency plans
4.13 Ventura County Harbor Public Works Plan	
4.14 SLR Analysis and Adaptations Report	Consultants prepare and present admin draft; receive and review comments, and prepare Final report after four public meetings (one for each planning area), and meetings each with Coastal Conservancy, State Parks, Ventura County, and Coastal Commission-Ventura office.
4.15 Public outreach	Public roll-out, Spanish media, Joint Planning Commission/City Council study session
Document and web-postings: Task 4.14 Draft and Final Reports Presentation PPT and related materials	Completion within additional 6 months Target date: 12/31/2015 Cumulative from OPC award: + 15 months
<b>Completion of OPC grant funded tasks by 12/31/ 2015</b>	
<b>Task 5. Oxnard LCP Update</b>	<b>CCC FUNDED : GUIDANCE STEP 5</b>
5.1 Update/revise the LCP Coastal Land Use Plan	Consultant team updates LCP Policies and Land Use Plan consistent with the 2030 General Plan and incorporates SLR analysis and adaptations from Task 4.14 as a new chapter. LCP Update to be consistent with 2007 and 2011 LCP Update Guide
5.2 Update/revise City Code Chapter 17	Implementation Code is updated consistent with Task 5.1
5.3 Draft and Final LCP and Code Update	Consultants prepare and present Draft LCP and Code Updates, receive and review comments, and prepare Final LCP and Code Updates after public workshops, and one meeting each with Coastal Conservancy, State Parks, Ventura County, and Coastal Commission-Ventura office.
5.4 Planning Commission Adoption	Planning Commission review and adoption
5.5 City Council Adoption	City Council review and adoption
Document and web-postings: Task 5.3 Draft/Final LCP and Code Updates Presentation PPT and related materials Required PC notices and staff reports Required CC notices and staff reports	Completion within additional 12 months Target date: 12/31/2016 Cumulative from 9/1/2014 start: + 27 months
<b>Completion of CCC grant funded tasks by 12/31/ 2016</b>	
<b>Task 6. CEQA Review</b>	<b>CITY FUNDED: NOT IN PROJECT BUDGET</b>
6.1 Notice of Preparation	A Subsequent Program EIR is anticipated that tiers off of the 2030 General Plan Program EIR for the LCP Update and Chapter 17 Code Update, to be prepared in tandem with Task 5 under separate City funding and consultants.
6.2 Notice of Draft EIR Completion and Review	
6.3 Preparation of Final EIR and Certification	
Document and web-postings: CEQA Notices and required documents Draft and Final EIR Findings and Overriding Considerations	Completion in tandem with LCP and Code Updates Required for Task 5.4 Planning Commission action Target date: 10/1/2016



<b>Task 7. Coastal Commission Certification</b>	<b>CITY FUNDED: NOT IN PROJECT BUDGET</b>
7.1 Submission to Coastal Commission	The LCP Update is being planned fully consistent with Coastal Commission SLR and LCP Update guidance documents and with periodic Commission staff review. Target date is based on accepted certification application.
7.2 Revisions and Resubmission to Commission	
7.3 Acknowledgement of Coastal Commission Amendments, Acceptance, and Agreements	
Document and web-postings: <ul style="list-style-type: none"> <li>Commission required documents</li> <li>Final LCP and Code with Commission changes</li> </ul>	Submission completed within additional 6 months Target date: 4/1/2017 Cumulative from start: + 36 months
<b>Task 8. Project Management</b>	<b>CITY FUNDED</b>
8.1 City project manager/administrative support	Principal Planner, Budget Analyst, clerical support s
8.2 RFP process, consultant management	Proposal review team, contract management
8.3 Stakeholder advisory committee	Organize and manage Stakeholder committee
8.4 Public Outreach	Organize and manage recurring public outreach
8.5 Supplies, travel, and incidental expenses	Workshop and meeting supplies, paid meeting rooms, light refreshments, legal and meeting advertising, City staff travel to 2 regional and/or state APA or related meetings to present Adaptation chapter and final LCP Update. All office equipment, office space, local travel, and telecommunications provided by the City.
Outcome/Deliverables <ul style="list-style-type: none"> <li>Customary administrative records</li> <li>Quarterly Grant progress reports</li> <li>Agency Stakeholders meeting minutes</li> <li>PAC Stakeholders meeting minutes</li> <li>Conference presentation reports</li> </ul>	The City will document to the extent required by the OPC and CCC, all financial and administrative records in accordance with generally accepted governmental accounting standards.

## BENCHMARK SCHEDULE

TASK/ACTIVITY	COMPLETION DATE/CUMULATIVE
1.3 SLR Science and Projection Summary	12/31/2014 + 3 months
2.3 SLR Mapping Report	3/31/2015 + 6 months
3.5/3.7 Risk and Economic Assessment	6/30/2015 + 9 months
4.14 SLR Analysis and Adaptations	12/31/2015 + 15 months
5.3 Final LCP Update	12/31/2016 + 30 months
6.3 CEQA Review	10/1/2016 in tandem with task 5
7.3 Coastal Commission certification	4/1/2017 + 36 months

### Task 8.1 Project Management

The City would contract with the OPC and CCC for the grants using the requested contract format. The Development Services Director, Matthew Winegar, AICP, would be the Project Director. Dr. Christopher Williamson, AICP, Principal Planner, would be the Project Manager with responsibility for the execution of all tasks and oversight of OPC and CCC grant-funded consultants. Dr. Williamson has over 30 years of experience in local and regional planning, CEQA and NEPA impact analysis and documentation, and policy analysis and public participation. He was the manager of the 8-year, \$1.8 Million Oxnard 2030 General Plan and 2006-2014 Housing Element process and has processed several controversial Oxnard LCP amendments. Public Works and other City staff are included in the Direct Labor Costs table.

Task 8 includes the RFP process to retain and manage a consultant team. Four types of consultants are required which may be retained separately or as a team, depending on the results of the RFP process and their availability, coastal experience, and related qualifications:

- 1) Facilitators for public and stakeholder engagement, with Spanish and EDC outreach,
- 2) Engineering and SLR analysis and adaptation expertise
- 3) Biology and ESHA GIS mapping and evaluation
- 4) LCP Update with economic and policy analysis capabilities

**Task 8 includes City involvement in all Tasks 1 to 5, working with consultants in reviewing scope of work, progress research and documents, final documents, presentations, responding to public comments, and so on. No OPC or CCC grants funds will be used for administration or expenses. The intent is to use OPC and CCC grants only to directly retain expert consultants.**

### Task 8.2 and 8.3: Agency and Public Stakeholders and Public Outreach

With authorization to proceed, the Project Manager would begin to identify and activate the agency and public stakeholders and create a public outreach program. The outreach will include Spanish translation for the City's Economically Disadvantaged Community (EDC) population. The Ormond Beach Task Force and TNC stakeholders group already exist and meet on a regular basis. The OPC and CCC-funded consultants, working with the City public information office, will provide Spanish-translation and programming for the City TV cable channel. KEYT (a television based in Santa Barbara that covers news in Ventura County), and several local radio stations and newspapers will provide coverage (both English and Spanish). The CCC consultant will create and maintain a comprehensive LCP Update Internet page to be hosted by and later incorporated into and maintained by the City's Information Services staff.

## Funding Request:     \$75,000 from OPC                      and                      \$75,000 from CCC

\$150,000 value of TNC's LiDAR data collection and NRC-consistent modeling already completed.

\$150,000 in City match (\$133,000 already encumbered, remainder in 2014/2015 FY)

CEQA review process under separate consultants and City funding.

The proposed budget is outlined below by Task and subtask. The science for Tasks 1 to 4 is completed and ready to use, provided by TNC and valued at \$150,000. These critical data and SLR and storm event modeling are completed and should be credited to the overall LCP Update program. TNC data, metadata, technical documentation, and Internet mapping portal and tool are all available at <http://coastalresilience.org/geographies/ventura-county>.

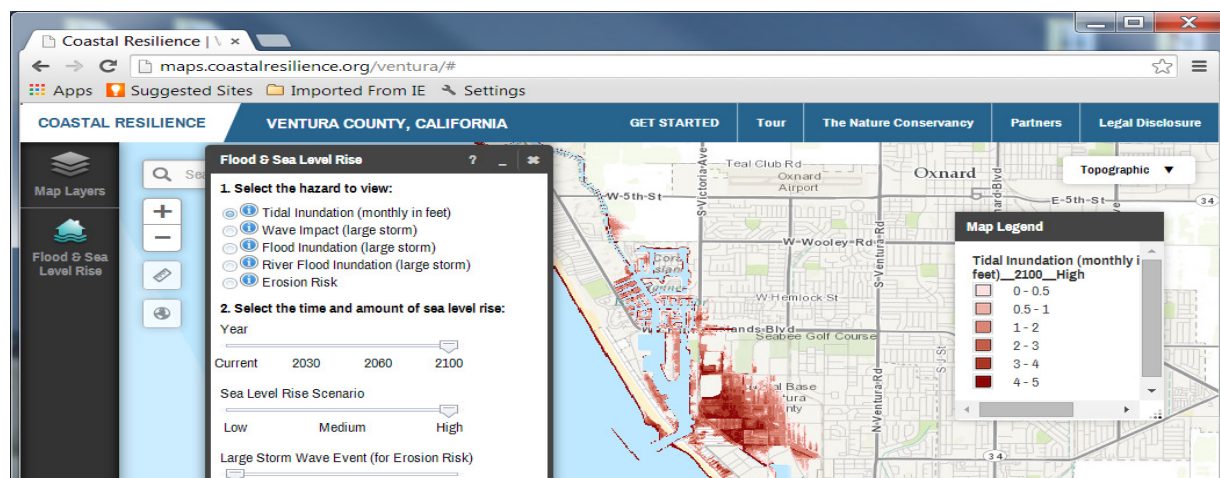
The requested CCC grant for Task 5 is matched by the City match of \$75,000: preparation of the LCP, its adoption, and Coastal Commission certification.

The budget is included with the Application in an Excel file.

### CITY OF OXNARD FUNDING SOURCES (NOT INCLUDING IN-KIND SERVICES)

\$ Amount	Source of funds	Status
\$ 150,000	General Fund or City of Oxnard local ½ cent sales tax (Measure 'O') funds.	\$133,000 encumbered.
	General Plan maintenance fee on building permits at \$2.40 per \$1,000 value, budgeted to accrue about \$200,000 per year based on recent permit activity.	FY 2014/2015 budget process beginning that will include remaining \$17,000 and CEQA first set aside of \$50,000.

**In-kind Services: \$ 150,000** value of TNC's LiDAR "Best Available Science" LiDAR data and NRC-consistent modeling already completed and immediately available for Tasks 1 and 2.





CITY OF OXNARD PROPOSED BUDGET						
Task Number	City of Oxnard Sea Level Rise Analysis	Total Cost	Allocation of total cost			
			Oxnard	OPC	CCC	TNC
1.1	Planning Horizons	\$ 1,000		\$ 1,000		
1.2	SLR Projections	\$ 1,000		\$ 1,000		
1.3	Summary Report	\$ 6,000		\$ 1,000		\$ 5,000
1.4	Outreach	\$ 5,000	\$ 5,000			
2.1	Local Hydrology	\$ 12,000		\$ 12,000		
2.2	SLR Mapping	\$ 150,000		\$ 5,000		\$ 145,000
2.3	Map Atlas and Report	\$ 5,000		\$ 5,000		
2.4	Outreach	\$ 5,000	\$ 5,000			
3.1	Risk Assessment: Area 1	\$ 2,500		\$ 2,500		
3.2	Risk Assessment: Area 2	\$ 2,500		\$ 2,500		
3.3	Risk Assessment: Area 3	\$ 2,500		\$ 2,500		
3.4	Risk Assessment: Area 4	\$ 2,500		\$ 2,500		
3.5	Summary Risk Report	\$ 2,500		\$ 2,500		
3.6	Economic Assessment	\$ 2,500		\$ 2,500		
3.7	Outreach	\$ 10,000	\$ 10,000			
4.1	Best Practices	\$ 2,500		\$ 2,500		
4.2	New Development	\$ 2,500		\$ 2,500		
4.3	Hazards and Shoreline	\$ 2,500		\$ 2,500		
4.4	Access and Recreation	\$ 2,500		\$ 2,500		
4.5	ESA Habitat and ESHA	\$ 2,500		\$ 2,500		
4.6	Agricultural	\$ 2,500		\$ 2,500		
4.7	Water Quality	\$ 2,500		\$ 2,500		
4.8	Archeo/Paleo Resources	\$ 2,500		\$ 2,500		
4.9	Scenic and Aesthetic	\$ 2,500		\$ 2,500		
4.10	OTC, Energy, Industrial	\$ 2,500		\$ 2,500		
4.11	Ormond Beach Wetlands	\$ 2,500		\$ 2,500		
4.12	Santa Clara R. & Park	\$ 2,500		\$ 2,500		
4.13	Harbor Public Works Plan	\$ 2,500		\$ 2,500		
4.14	SLR Draft and Final chapter	\$ 2,500		\$ 2,500		
4.15	Outreach	\$ 5,000	\$ 5,000			
<b>SUBTOTAL OPC GRANT</b>		<b>\$ 250,000</b>	<b>\$ 25,000</b>	<b>\$ 75,000</b>	<b>\$ -</b>	<b>\$ 150,000</b>
5.1	Update Oxnard LCP	\$ 40,000			\$ 40,000	
5.2	Update Chapter 17 Code	\$ 15,000			\$ 15,000	
5.3	Complete LCP Update	\$ 15,000			\$ 15,000	
5.4	Planning Commission	\$ 7,000	\$ 5,000		\$ 2,000	
5.5	City Council	\$ 8,000	\$ 5,000		\$ 3,000	
<b>SUBTOTAL CCC GRANT</b>		<b>\$ 85,000</b>	<b>\$ 10,000</b>	<b>\$ -</b>	<b>\$ 75,000</b>	<b>\$ -</b>
6	CEQA Review (not included)	NA			NA	NA
7.1	Submit to Commission	NA			NA	NA
7.2	Revise and Resubmit	NA			NA	NA
7.3	Acknowledgement, etc.	NA			NA	NA
8.1	Project Management	\$ 80,000	\$ 80,000			
8.2	Consultant RFP process	\$ 2,000	\$ 2,000			
8.3	stakeholders	\$ 10,000	\$ 10,000			
8.4	Public Outreach support	\$ 10,000	\$ 10,000			
8.5	Supplies, travel, etc.	\$ 13,000	\$ 13,000			
<b>Subtotal Tasks 5, 7, and 8</b>		<b>\$ 115,000</b>	<b>\$ 115,000</b>			<b>\$ -</b>
<b>TOTAL</b>		<b>\$ 450,000</b>	<b>\$ 150,000</b>	<b>\$ 75,000</b>	<b>\$ 75,000</b>	<b>\$ 150,000</b>

**BUDGET SUMMARY****Grant Application Budget Form**Organization Name: City of OxnardProject Title: Oxnard SLR Analysis and LCP UpdateRequested Amount: \$ 150,000 (\$75,000 CC + \$75,000 OPC)

	<b>OPC + CCC Grants</b>	<b>Project with City Match</b>
<b>Consultant Personnel:</b>		
Salaries and Wages <sup>(1)</sup>	\$ 110,000	\$ 220,000
Benefits <sup>(2)</sup>	\$ 40,000	\$ 80,000
<b>Total Personnel</b>	<b>\$150,000</b>	<b>300,000</b>
<b>City-Provided Operating Expenses</b>		
Postage/Supplies/ and Materials <sup>(3)</sup>	\$ 0	\$ 10,000
Travel <sup>(4)</sup>	\$ 0	\$ 3,000
Indirect Costs <sup>(5)</sup>	None	None
<b>Total Operating Expenses</b>	<b>\$ 150,000</b>	<b>\$300,000</b>
<b>Total Budget</b>	<b>\$ 150,000</b>	<b>\$ 300,000</b>
TNC Completed Science and Mapping		\$ 150,000
<b>Grand Total Complete SLR and LCP Update</b>		<b>\$ 450,000</b>

(1) City staff pay rates and overhead are shown on following page: Consultants will be selected with similar pay rates and overhead. The City rates have been used in three energy efficiency planning contracts with Southern California Edison, under purview of the CPUC, and are the target billing rates expected from consultants. All positions are included that may be involved at some point with the SLR Analysis and LCP Update project.

(2) **Overall City average benefits burden is 35%, and does not exceed 40% for any City staff. The Grant anticipates a 50% maximum overhead for consultants.**

<sup>(1)</sup> Attach an explanation of rate(s) and hours for each position for which funds are being requested.

<sup>(2)</sup> Goal of 36% Benefits, actual NTE not to exceed 40% of amount requested for salary or wage.

<sup>(3)</sup> Include a list of the major supplies and materials and how much they cost.

<sup>(4)</sup> Travel reimbursement rates are the same as similarly situated state employees.

<sup>(5)</sup> Indirect costs include, for example, a pro rata share of rent, utilities, and salaries for certain positions indirectly supporting the proposed project but not directly staffing it. Amount requested for indirect costs should be capped at 10% of amount requested for "Total Personnel."

- (3) List of expected supplies and materials, with expected costs provided below.
- (4) Travel reimbursements would follow regular City procedures that are consistent with similarly situated State employees, using Federal mileage rates, etc.
- (5) There are no indirect costs requested. **All overhead is provided by the City.**

### City of Oxnard Selected Positions and Direct Labor Costs

City of Oxnard Staffing Direct Labor	Hourly Rate (U.S. Dollars)
Principal Planner	\$105.00
Planning Manager	\$120.00
Accounting Manager	\$103.00
Administrative Services Manager	\$82.00
Assistant City Attorney	\$144.00
Communications Manager	\$82.00
Community Outreach & Production	\$69.00
Disaster Preparedness Coordinator	\$98.00
Facilities Maintenance Supervisor	\$74.00
Financial Analyst II	\$93.00
Financial Services Manager	\$103.00
Geographic Info Systems Coordinator	\$92.00
Management Accountant/Auditor	\$72.00
Management Analyst III	\$88.00
Parks Manager	\$87.00
Public Information Officer	\$80.00
Special Assistant to the City Manager	\$110.00
Streets Manager	\$87.00
Supervising Building Inspector	\$95.00
Supervising Civil Engineer	\$134.00
Systems Analyst III	\$92.00
Technical Services Manager	\$100.00
Telecommunications Coordinator	\$71.00
Traffic Manager	\$106.00
Wastewater Maintenance Manager	\$80.00
Wastewater Operations Manager	\$92.00
Water Resources Manager	\$104.00



**Expected Supplies and Materials, With Expected Costs**

Task Number	City of Oxnard Sea Level Rise and LCP Update	Total Cost		
			Grant	City funded
8.5	Supplies, travel, etc.	\$ 13,000	0 \$	13,000

Postage

CD Reproduction \$10 each

Newspaper Ad for meetings \$150 per ad

Document copying (by City) \$0.10 per page

PAC and Agency Stakeholders meeting light refreshments \$100 per meeting

bottled water \$10 per case

cookies \$20 per meeting

Coffee setup \$20 per meeting

Microphone/portable PA system \$200 rental

Markers and pencils \$10 per box

Spanish translation \$200 per meeting

NOTE: All meeting are expected to take place in City facilities and no rental cost.

**TOTAL ALL EXPENSES \$10,000**

Travel to the State American Planning Association Conference, 2 days

\$1,000

Travel to the National American Planning Association (or similar) Conference, 2 days

\$2,000

**TOTAL TRAVEL \$3,000**

**RESOLUTION (S) FROM THE APPLICANT’S GOVERNING BODY.** A separate resolution is required for each of the grant programs (see sample Resolutions in [Attachment A](#) (Coastal Commission) and [Attachment B](#) (OPC)). Please submit a resolution that contains the following authorizations: 1) authority to submit the proposal, 2) authority to enter into a grant agreement if the grant is awarded, and 3) designation of the applicant’s authorized representative (name and title). For the OPC LCP SLR grant program, a resolution from the applicant’s governing body (i.e. City Council, Board of Supervisors, Port Commission) committing to submit to the Commission an amendment to update the LCP (or other plan as applicable) to address sea-level rise is required as part of the application.

Resolutions are on following 6 pages

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## City of Oxnard City Council Resolution 14,655 – Coastal Commission

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### CITY COUNCIL OF THE CITY OF OXNARD

#### RESOLUTION NO. 14,655

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF OXNARD AUTHORIZING A JOINT GRANT APPLICATION SUBMITTAL TO THE CALIFORNIA COASTAL COMMISSION TO UPDATE THE OXNARD LOCAL COASTAL PROGRAM AND THE OCEAN PROTECTION COUNCIL TO ADDRESS SEA-LEVEL RISE AND OTHER CLIMATE CHANGE IMPACTS WITHIN THE OXNARD LOCAL COASTAL PROGRAM

WHEREAS, City Council Resolution No. 12,053 sets out the procedure by which the City staff may submit grant applications, following approval by resolution by the City Council; and

WHEREAS, the Development Services Department, Planning Division has requested that City Council approve the submittal of a joint application to the California Coastal Commission (Commission) Local Coastal Program (LCP) Planning Grant Program and the Ocean Protection Council (OPC) LCP Sea-Level Rise Grant Program for a total of \$150,000 to prepare a Sea Level Rise Adaptation Chapter, and then subsequently update the Oxnard LCP; and

WHEREAS, City of Oxnard is eligible to receive a grant from the Commission and/or OPC to update the Oxnard LCP with an emphasis on conserving and protecting coastal resources from sea-level rise and related climate change impacts; and

WHEREAS, the City Council has allocated and encumbered \$133,000 of local funds towards a \$150,000 match; and

WHEREAS, it is the express intent of the City Council that if the requested grant is awarded, the City Council would authorize the remaining \$17,000 in matching funding in FY 2014/2015 to complete the scope of work being funded by the requested grant; and

WHEREAS, recent expert reports from the Commission, OPC, National Research Council, the California Natural Resources Agency, and California Emergency Management Agency emphasize the importance of starting to plan for climate change impacts and the crucial role of local governments that develop and implement LCP's; and

WHEREAS, the Oxnard 2030 General Plan demonstrates the City's commitment to updating the LCP in a manner consistent with the Commission grant program: Goal CD-21, "Update the Oxnard Local Coastal Program" contains policies that give initial direction to an Oxnard LCP Update; and

WHEREAS, The Nature Conservancy (TNC) sea-level rise modeling research data and findings are available to the City of Oxnard and the value of the TNC data and modeling specific to Oxnard is approximately \$150,000; and



Resolution No. 14,655

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WHEREAS, the 2009 Ormond Beach Wetlands Restoration Feasibility Study by the Coastal Conservancy thoroughly examined the Ormond Beach wetlands area and the long-term impacts of sea level rise on the wetlands; and

WHEREAS, the City's grant application incorporates the Coastal Commission's Draft Sea-Level Rise Policy Guidance as the basis of the LCP update scope, tasks, and approach; and

WHEREAS, the Budget Act of 2013 provides an appropriation of \$1 million for Coastal Commission grants in FY 14-15 to local governments to support Local Coastal Program (LCP) planning, and

WHEREAS, the California Coastal Commission, under the authority of the California Coastal Act, may provide financial assistance to support coastal planning and has approved a competitive grant program to provide such financial assistance for LCP planning; and

WHEREAS, the goal of the grant program is to develop new or updated LCPs in conformance with the California Coastal Act and to reflect current circumstances and new scientific information, including new understandings and concern for the effects of climate change; and

WHEREAS, grant proposals submitted under this grant program must complete land use plan and/or zoning work to either achieve submittal for certification of a Local Coastal Program (LCP) or an Area of Deferred Certification (ADC) or of an LCP Amendment to significantly update a certified LCP or LCP segments, including with special emphasis on effects of climate change and sea-level rise; and

WHEREAS, the City of Oxnard has an effectively certified LCP; and

WHEREAS, the City of Oxnard, desires to pursue a project that would result in the completion and submittal for certification by the California Coastal Commission of an Amendment to update the LCP; and

WHEREAS, the City of Oxnard commits to and agrees to fully support a planning effort intended to update a certified LCP pursuant to the provisions of the California Coastal Act, with full public participation and coordination with the Coastal Commission staff.

NOW, THEREFORE, BE IT RESOLVED, that the City Council of the City of Oxnard hereby:

1. Directs City of Oxnard staff to submit a grant application package to the California Coastal Commission to provide financial and planning assistance, under authority of the California Coastal Act, in the amount of \$75,000 to fund the project more particularly described in the grant application package.

Resolution No. 14,655

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2. Authorizes the City Manager or designee to execute, in the name of the City of Oxnard, all necessary applications, contracts and agreements and amendments thereto to implement and carry out the grant application package attached hereto and any project approved through approval of the grant application; the Chief Financial Officer or designee to submit financial records and grant claims and approve special budget appropriations for the use of grant funds; and the Development Services Director or designee to submit non-financial reports.

PASSED AND ADOPTED this 17th day of June, 2014, by the following vote:


AYES: Councilmembers Ramirez, Padilla, and Perello.

NOES: None.

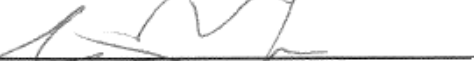
ABSENT: Councilmembers Flynn and MacDonald.

  
Mayor Pro Tem, for  
Tim Flynn, Mayor

ATTEST:

  
Daniel Martinez, City Clerk

APPROVED AS TO FORM:

  
Stephen M. Fischer, Interim City Attorney

CCR02.WP6

## City of Oxnard City Council Resolution 14,656 – Ocean Protection Council

### CITY COUNCIL OF THE CITY OF OXNARD

#### RESOLUTION NO. 14,656

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF OXNARD  
AUTHORIZING A JOINT GRANT APPLICATION SUBMITTAL TO THE  
CALIFORNIA COASTAL COMMISSION TO UPDATE THE OXNARD LOCAL  
COASTAL PROGRAM AND THE OCEAN PROTECTION COUNCIL TO  
ADDRESS SEA-LEVEL RISE AND OTHER CLIMATE CHANGE IMPACTS  
WITHIN THE OXNARD LOCAL COASTAL PROGRAM

WHEREAS, City Council Resolution No. 12,053 sets out the procedure by which the City staff may submit grant applications, following approval by resolution by the City Council; and

WHEREAS, the Development Services Department, Planning Division has requested that City Council approve the submittal of a joint application to the California Coastal Commission (Commission) Local Coastal Program (LCP) Planning Grant Program and the Ocean Protection Council (OPC) LCP Sea-Level Rise Grant Program for a total \$150,000 to prepare a Sea Level Rise Adaptation Chapter, and then subsequently update the Oxnard LCP; and

WHEREAS, City of Oxnard is eligible to receive a grant from the Commission and/or OPC to update the Oxnard LCP with an emphasis on conserving and protecting coastal resources from sea-level rise and related climate change impacts; and

WHEREAS, the City Council has allocated and encumbered \$133,000 of local funds towards a \$150,000 match; and

WHEREAS, it is the express intent of the City Council that if the requested grant is awarded, the City Council would authorize the remaining \$17,000 in matching funding in FY 2014/2015 to complete the scope of work being funded by the requested grant; and

WHEREAS, recent expert reports from the Commission, OPC, National Research Council, the California Natural Resources Agency, and California Emergency Management Agency emphasize the importance of starting to plan for climate change impacts and the crucial role of local governments that develop and implement LCP's; and

WHEREAS, the Oxnard 2030 General Plan demonstrates the City's commitment to updating the LCP in a manner consistent with the Commission grant program: Goal CD-21, "Update the Oxnard Local Coastal Program" contains policies that give initial direction to an Oxnard LCP Update; and

WHEREAS, The Nature Conservancy (TNC) sea-level rise modeling research data and findings are available to the City of Oxnard and the value of the TNC data and modeling specific to Oxnard is approximately \$150,000; and



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WHEREAS, the 2009 Ormond Beach Wetlands Restoration Feasibility Study by the Coastal Conservancy thoroughly examined the Ormond Beach wetlands area and the long-term impacts of sea level rise on the wetlands; and

WHEREAS, the City's grant application incorporates the Coastal Commission's Draft Sea-Level Rise Policy Guidance as the basis of the LCP update scope, tasks, and approach; and

WHEREAS, the California Ocean Protection Council, under the authority of the Ocean Protection Act, approved a competitive grant program to provide financial assistance for local and regional vulnerability assessments and updates to Local Coastal Programs (LCPs) and other Coastal Act authorized plans to address sea-level rise, coastal hazards and other climate change-related impacts; and

WHEREAS, the goal of the grant program is to develop updates to LCPs or other Coastal Act authorized plans to address sea-level rise and other climate change impacts, and

WHEREAS, grant proposals submitted under this grant program must address at least one certified LCP segment or other defined planning segment, such as a certified Port Master Plan or University Long Range Development Plan, or, in jurisdictions without certified LCPs, proposals must demonstrate that the applicable jurisdiction has committed to the process to complete an LCP or that such process is underway; and

WHEREAS, the City of Oxnard has an effectively certified LCP; and

WHEREAS, the City of Oxnard, recognizing the problems and issues associated with climate change, and identified these issues in the 2030 General Plan, desires to pursue a project that would result in the completion and submittal for certification by the California Coastal Commission of an LCP Amendment that would address such impacts; and

WHEREAS, the City of Oxnard will coordinate with the staffs of the California Coastal Commission, the State Coastal Conservancy and the Ocean Protection Council in undertaking the project, if approved.

NOW, THEREFORE, BE IT RESOLVED, that the City Council of the City of Oxnard hereby:

1. Directs City of Oxnard staff to submit a grant application package to the Ocean Protection Council in the amount of \$75,000 to fund the project more particularly described in the grant application package.
2. Authorizes the City Manager or designee to execute, in the name of the City of Oxnard, all necessary applications, contracts and agreements and amendments thereto

Resolution No. 14,656

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to implement and carry out the grant application package attached hereto and any project approved through approval of the grant application; the Chief Financial Officer or designee to submit financial records and grant claims and approve special budget appropriations for the use of grant funds; and the Development Services Director or designee to submit non-financial reports.

PASSED AND ADOPTED this 17th day of June, 2014, by the following vote:

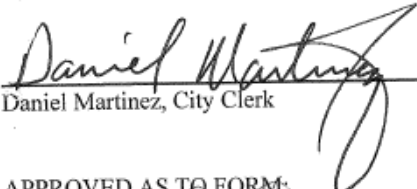
AYES: Councilmembers Ramirez, Padilla, and Perello.

NOES: None.

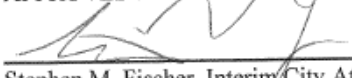
ABSENT: Councilmembers Flynn and MacDonald.

  
Mayor Pro Tem, for  
Tim Flynn, Mayor

ATTEST:

  
Daniel Martinez, City Clerk

APPROVED AS TO FORM:

  
Stephen M. Fischer, Interim City Attorney

CCR02.WP6

## SUPPLEMENTAL FORM A – COASTAL COMMISSION LCP GRANT PROGRAM

### Adopted Priorities and Criteria

In addition to the project description required in part I of the application materials, provide a clear, detailed description of how the project addresses each of the Coastal Commission LCP grant adopted priorities and criteria, listed below. Please limit to five pages.

#### 1. Public Benefit/Significance

- *Please describe the extent to which the proposed LCP planning project will: (1) address issues of statewide significance and (2) maximize public benefits of the coast. These benefits can include: preserving and enhancing coastal habitat, protecting, providing and enhancing public access, protecting priority land uses such as agriculture, coastal dependent development or recreation, Smart Growth and sustainable development initiatives, protecting and providing lower cost visitor and recreational opportunities, and addressing climate change and sea-level rise. Provisions for citizen participation must be a part of the work program.*

(1) The LCP Update will address the following issues of Statewide significance :

- Planning for relocation of portions of **McGrath State Beach** to a location with SLR adaptations that will ensure its continued viability as a well-used, regional, low-cost public beach campground that serves are large minority community.
- **Decommissioning, removal, and remediation of two OTC power plants** (Mandalay and Ormond Beach) ordered by the State Water Resources Control Board to cease operations by December 31, 2020 unless the plants meet entrainment standards. Both NRG-owned OTC power plants are adjacent to Federal and State-designated sensitive ESA habitat areas and subject to future SLR. The Ormond Beach OTC site is included in the Coastal Conservancy's Ormond Beach Wetlands Restoration Plan, Alternative 2U, which Oxnard has adopted in its 2030 General Plan. At the Mandalay OTC, NRG, is actively trying to secure a long term SCE contract that would lead to construction of a new 220 MW power plant adjacent to the existing OTC power plant, with no commitment to remove either OTC plant. The City's LCP zoning, dating from 1982, would arguably allow the new non-coastal-dependent power plant and continue to endanger several wetlands and ESA-habitat areas and inhibit public access to several miles of pristine beach. Finally, the two OTC sites should be considered as transmission opportunities for future offshore renewable power generation technology that would help the State achieve future AB32 GHG emission reduction targets and renewable energy portfolio targets, opportunities that are not addressed in the current Oxnard LCP.
- Continued operation of the **Port of Hueneme and Naval Base Ventura County**. While both facilities are not within City limits, they are immediately adjacent to the City and

located in the Coastal Zone. Both facilities are highly integrated with the local economy. The SLR Analysis and LCP Update will include both as agency stakeholders.

(2) Maximize public benefits of the coast:

Tasks 4 and 5 will incorporate all public access and recreation subjects listed in the Guidance, Steps 4.1 to 4.9. The Oxnard Coastal Zone includes a state beach (McGrath), seven city and county beach and marina parks, large public marinas and related visitor serving uses, extensive local tourism and international tourism to and from the Channel Islands National Park, and 10 miles of wide beach with relatively easy and affordable parking and hotel/motel opportunities. In most City areas, public access is already maximized and affordable and the goal of the LCP update is to ensure continued access and affordability. In the two areas near the two OTC power plants, north of Fifth Street and the Ormond Beach wetlands, considerable additional public access and wetlands educational opportunities are prevented by the continued operation of the two NRG OTC's. Were the two OTC's removed, over 1,000 acres of coastal zone land would become available for active and passive coastal access and ESA habitat protection, and possible relocation due to gradual SLR..

## 2. Relative Need for LCP Update/Extent of Update

- *Describe the need for the proposal. For example, when was the LCP last updated in whole or in part? Is there an urgency related to the specific planning issues to be addressed? What is the scope of the effort? Please identify the specific elements of the LCP that you are targeting to be updated. Is it targeted to a particular geographic or policy area or to the entire jurisdiction? Does the LCP need to be reformatted or reorganized to improve the clarity and utility of the document and how it relates to other planning documents? Describe how the proposed planning project will be effective in conserving and protecting coastal resources, and how the proposed project builds upon or complements existing efforts that may be underway or completed for your jurisdiction.*

The Oxnard LCP was written in the early 1980's and adopted and certified in 1982. It has been amended 17 times, mostly for individual coastal development projects. The LCP retains policies related to a proposed on-shore LNG plant that was never developed, and retains language that allows non-coastal dependent energy facilities at two OTC locations. In 2006, Southern California Edison (SCE) proposed development of a non-coastal-dependent 45MW peaker plant on their former oil tank farm property adjacent to the Mandalay power plant, about 700 feet from the high tide line. The City denied the permit on the grounds that it was not coastal dependent, and SCE appealed to the Coastal Commission which approved the permit. The City then sued the Coastal Commission over interpretation of the Code section. Because the subtext of the "Energy Coastal" section of the Oxnard Coastal Zoning Code (City Code chapter 17) did not specify "coastal dependent" for every allowed use, SCE prevailed in a and the peaker plant was constructed. Since then, NRG – the owner of both OTC power plants – has proposed to develop a 220 MW power plant in the same area, also non-coastal dependent. For that reason, the **City passed the urgency moratorium (Figure 6) and is**



**urgently moving to update the LCP to examine whether any power plants should be located in the coastal zone, based on SLR science and Guidance scenarios. If energy facilities are feasible, the question of coastal-dependency is paramount. Why should a non-coastal-dependent power plant be an allowed land use over the stated priorities in the Coastal Act?**

The second urgency is related to the removal of an EPA Superfund site located in the Ormond Beach wetlands, the “Halaco” site. Halaco Engineering Co. is a bankrupt smelting firm which generated approximately 28 acres of waste in a 40-foot high pile over 35 years, and then declared bankruptcy and sold the site to a speculator who proposed a “Marina del Rey” development. The EPA has stabilized the site and will soon recommend a clean-up program. The LCP Update must address the removal and reuse of the Halaco site and how to remediate groundwater contamination.

### **3. Addressing the Effects of Climate Change**

- *Please describe how the proposed project addresses the effects of climate change, including sea-level rise and other coastal hazards. How will it address shoreline protection, planned retreat and redevelopment of existing shoreline and bluff top development? How will it address other issue areas affected by climate change, such as changes in habitat, fire hazards, and transportation and land use policies to facilitate reductions in greenhouse gas emissions and vehicle miles travelled?*

As stated in the proposal, Oxnard has 10.5 miles of beaches. The Oxnard coast is wide and flat and there are no SLR issues related to bluff top development. Instead, Oxnard is susceptible to extensive inland wave runup and tidal and storm surge inundation. The TNC wave run-up simulation shows waves passing over the Hollywood Beach sandbar peninsula through four blocks of beachfront development and entering the Channel Islands Harbor. The possibility of human and property damage is immense. A major storm that bring coastal surge would also lead to riverine flooding as the Santa Clara River tries to empty a large watershed into the Pacific Ocean that is “pushing back” with a storm surge at high tide on top of SLR. The TNC model depicts Santa Clara River levee breaches for about a mile inland from the mouth of the estuary and extensive flooding of farms and housing in the northwest corner of Oxnard. An ocean tidal storm surge inundation could also permanently contaminate the Oxnard-Ventura agricultural coastal greenbelt (see Figure 2), perhaps eliminating coastal agriculture.

The proposed OPC-funded SLR analysis (Tasks 1 to 4) will map SLR rise, determine local hydrology and vulnerabilities, and develop a range of SLR adaptations. SLR adaptations are envisioned as short, medium, and long term to coincide with the three SLR scenario planning years: 2030, 2050, and 2100:

**2030: Short term adaptations** would be specific to: 1) protecting critical public facilities (especially the wastewater treatment plant in Planning Area 4), 2) EOC operations (evacuation, temporary housing, etc.), 3) development standards for new and intensified development (higher elevations, breakaway ground floor, etc.), 4) coordination with FEMA coastal and flood zone mapping and standards, 5)

strengthening and/or relocation of public access facilities. Short term adaptations would be incorporated into the coastal zoning code, capital improvement master plans, and the City's budgeting process. The City would work closely with the County Harbor Department, Port of Hueneme, City of Hueneme Beach, County of Ventura, and U.S. Navy to develop adaptations useful to each agency and, at a minimum, not working at cross purpose.

**2050: Medium term adaptations** for the period 2030 to 2050 would more likely take the form of policies in the LCP and the development of time-delimited entitlements. With an expected SLR of 12 inches, the Channel Islands harbor and marina bulkheads and seawalls may need raised and/or rebuilt. Structures and utilities may need raised and/or adapted to periodic flooding. What is not known is whether a relatively small 'fix' along the Oxnard coast and within the harbor and port could prevent most flooding scenarios. Is there a 'weak point' that lets in most of the water? Could a relatively small tidal gate protect the entire harbor and port? What tradeoff is acceptable if dunes are created in front of beachfront homes, but views are lost? What role will private insurance and FEMA mapping play in adaptations? These questions will take time to answer, and the LCP Update will set the stage. It is possible the medium term adaptation will take the form of CEQA "Adaptative Mitigation" along with prescriptive development standards and regulations.

**2100: Long range adaptations**, for the period 2050 to 2100, the LCP would focus on keeping abreast of SLR science and incorporating a policy evaluation protocol that requires the City to revisit SLR adaptations in some minimum time period and/or when new science findings change scenarios in some significant manner. We know the sea will rise and there will be storm events in the short run: we do not know with as much certainty how what will happen in the long range.

#### 4. Likelihood of Success/Effectiveness

- *Please describe the planning process, steps or mechanisms for coordination with the Coastal Commission staff and the public, and how this grant would advance that process. Please describe the factors that will contribute to the success and effectiveness of your project. Consider the following questions in your response:*
  - i. *What steps or measures are proposed to help ensure that this effort will be successfully completed and implemented? If your jurisdiction is not yet certified, please explain the factors that make the success of this planning effort more likely. Similarly, if your jurisdiction previously received LCP grant funds, explain the factors that make the success of this planning effort more likely.*
  - ii. *What is the level of support for the project? Please describe or include information that shows support for the project such as resolutions of intent and endorsement for the proposed work, matching funds or other complementary efforts.*
  - iii. *Is LCP or related planning work already underway? How will this grant support and further that effort?*

Oxnard is lucky to have a long-time congenial relationship with the Coastal Commission's South Central Coast District office, located nearby in Ventura. City staff has already discussed the short-medium-long term adaptation approach and outline of the LCP Update with District Director Jack Ainsworth. The City expects, requests, and welcomes an ongoing review process with the local staff, and with the Energy and Ocean Resources staff in San Francisco relative to the OTC issues.

As stated earlier, the City Council has effectively already made major policy decisions regarding the Coastal Zone, Oxnard LCP Update in the 2030 General Plan, adopted in 2011. The 2030 General Plan requires the LCP update and a full and complete incorporation of SLR modeling. Major Coastal Zone land use change decisions are already made in the General Plan: coastal energy and industrial land uses are redesignated for Resource Protection and wetlands restoration. A large master planned community near but outside the Coastal Zone known as "Southshore" was probably the last attempt at major new near-coastal development. The Southshore EIR was challenged for lack of SLR analysis and impacts on the wetlands and the challenge was upheld by the District Court. The project has effectively died to the delight of most residents who opposed it for its impacts on Ormond Beach wetlands and lack of serious SLR analysis.

## **5. Workload and Permit Streamlining**

- *Describe how this project may contribute to a more efficient and streamlined permitting and post-certification process.*

As stated earlier, the 2030 General Plan and 1982 Oxnard LCP are inconsistent in several areas now designated by the 2030 General Plan for wetlands and resource protection. The OTC Moratorium (see Figure 6) demonstrates that permitting issues are urgent with regards to OTC and proposed power plants relying on the 1982 LCP. Once the LCP is updated and certified and Chapter 17 of the City Code updated to implement the LCP, coastal permitting will be more efficient. The City's 2030 General Plan Program EIR is serving as the citywide master EIR from which subsequent EIR's and/or MND and/or CEQA exemptions are available to streamline the permitting process for projects that are consistent with the General Plan and, with the LCP Update, the LCP as well. With a certified LCP Update, the City will be able to efficiently process Coastal Development Permits that are SLR adapted.

## **6. Project Integration/Leverage/Matching Funds**

- *Please describe how this grant application will contribute to efficient use of informational resources, and any existing resources. What other grant funds have been committed or applied for? Are any matching funds or significant in-kind resources available? What other planning work (such as through the Ocean Protection Council, Coastal Conservancy or the Strategic Growth Council) is being undertaken that could help further the LCP effort? If other resources are limited or unavailable, describe the hardship circumstances that may warrant waiver of these considerations.*

As stated in the application, the project is matched 2:1 by City funds (\$150,000) and an in-kind contribution by TNC valued at \$150,000 of LiDAR SLR data and scenario mapping software.

The LCP Update will provide a venue for the coordination of several additional coastal efforts by TNC, the US Navy, and the Coastal Conservancy. The City has been working with the Coastal Conservancy on the Ormond Beach Wetlands Restoration Feasibility Study, published in 2009, for at least 10 years. The Conservancy and TNC own over 1,000 acres of coastal resource land within City limits that the City helps police and maintain. The City will have access to \$500,000 of SCE power plant mitigation funds in early 2015 that may be added to the SLR and/or LCP Update effort, depending on how this project unfolds and the early findings. The TNC and US Navy are jointly purchasing about 50 acres of land immediately outside the Coastal Zone as upland habitat for the Ormond Beach wetlands. The City is ready and anxious to complete the SLR analysis, identify feasible realistic adaptations in cooperation with a range of agencies and the public, and go on to update the Oxnard LCP and submit it to the Coastal Commission in what we hope will be a model process for the State.



## SUPPLEMENTAL FORM B – OPC LCP SLR GRANT PROGRAM

### Potential Impacts from Sea-Level Rise – Preliminary Assessment

Preliminary assessment of potential impacts from sea-level rise and climate change using NOAA's [Sea-Level Rise Viewer](#) or other readily available planning tools is required as part of the application. This assessment should be included and referenced in the project description below to explain the purpose, benefit and need for the proposed project.

Provided in Figures 7 and 8.

### Project Description

In addition to the project description that addresses goals, objectives and approach, provide a clear, detailed description of the project proposed that includes the following information in the project description. Please limit to five pages.

- a. ***Need*** - Provide sufficient background information for reviewers to independently assess the significance of the proposed project. Summarize the problem to be addressed and the status of ongoing efforts to address the identified needs.

Oxnard is located at the western edge of Ventura County with a 10.5 mile coastline between the Santa Clara River (north) and the Ormond Beach wetlands (south). The City and surrounding county is very flat with a high ground water table. The entire west county storm drain and sanitary sewer system operates at a shallow grade that is already very sensitive to minor storm surges at current sea level, much less a rise of six inches by 2030 and one foot by 2050. As shown in Figures 7 and 8 on previous pages, The Nature Conservancy (TNC)-produced sea-level rise storm and tidal inundation maps depict existing and projected storm flood hazards that inundate much of the Oxnard Coastal Zone and portions of the County of Ventura, City of Port Hueneme, and Naval Base Ventura County. As a result, Oxnard's 10.5 mile coastal zone has a wide range of urgent sea-level rise-related vulnerabilities and adaptation challenges that are of Federal, State, and local significance:

- Seven beachfront and marina local and county parks with public recreation could be flooded and damaged during a high tide storm coastal surge event;
- McGrath State Beach (located within Oxnard city limits) was closed for much of last year due to high water in the Santa Clara River estuary and the parks very low elevation and vulnerability to even a minor high tide and storm surge;
- Channel Islands commercial harbor is home to fishing fleets, a Coast Guard base, and coastal-dependent (including emergency oil-spill services to offshore oil rigs and pipelines)

that could be flooded during a storm event and/or blocked within the harbor by sand deposition at the entrance breakwater;

- Ormond Beach wetlands and beach, home to three Federal and State endangered species habitats, is regularly flooded during storm events and the habitats could be entirely washed away with higher sea level;
- Several remnant backdune areas and extensive coastal agriculture could be damaged by salt water aquifer intrusion and/or inundation that would salt the soil and kill various native species and crops;
- Littoral and dune erosion would expose foundations of beachfront homes, undermine streets and utilities, and possibly flood three peaker plants (NRG Ormond Beach, NRG Mandalay, and SCE McGrath) and remove them from the SCE grid when needed;
- Backed up regional stormdrains in 2012 flooded the City's wastewater treatment plant which is located near the Ormond Beach wetlands and lagoon; and
- Ocean surge combined with riverine drainage is enough to top several Santa Clara River levees and flood several thousand homes in north Oxnard according to TNC SLR and storm surge mapping software.

- b. **Benefit** - Applicants should describe how the projects will maximize public benefits of the coast as articulated in the [Coastal Act](#) and [California Ocean Protection Act](#). These benefits can include preserving and enhancing habitat such as coastal wetlands and natural lands, conserving biodiversity, protecting, providing or enhancing public access, protecting priority land uses such as coastal dependent development and recreational opportunities and protecting visitor serving amenities. Summarize the relevance of the proposed work to other areas along the coast.

The proposed SLR Analysis and Adaptations Report and LCP Update will enable many benefits to the Oxnard community, Ventura County region, and the State and Nation. The single largest state and national benefit is the incorporation of the Coastal Conservancy's Ormond Beach Wetlands Restoration Feasibility Study [<http://oxnardcoastalwetlands.org/>] into the Oxnard LCP, which enables the Conservancy and its many State and Federal partners to begin permitting and developing the 1,000 acre wetlands restoration. Ormond Beach is considered by wetland experts to be the most important wetland restoration opportunity in Southern California. Unlike other coastal wetland restoration projects in Southern California, there is room to restore the approximate extent of historic wetlands, provide surrounding upland habitat to complete the ecosystem and accommodate sea level rise. The biological significance of this area has been recognized and its restoration potential endorsed by all of the federal and state resource agencies that participate in the Southern California Wetlands Recovery Project.

The LCP update will not only lead to the integration of the Ormond Beach Wetlands Restoration into the Oxnard LCP, but also add and enhance habitats for three EPA-endangered species and remnant ESHA back dunes in north Oxnard. The LCP update will lead to a permanent relocation plan for the McGrath State Beach to avoid recurring Santa Clara River estuary flooding and erosion, the protection of Oxnard's coastal access and marina facilities,

and extend new appropriate public access into the restored Ormond Beach wetlands. Affordable public access will be even more available to the majority-minority population in Oxnard (74% Hispanic) and the region.

The County of Ventura's harbor and marina Public Works Plan, located within Oxnard City limits, governs extensive public access and recreation facilities and will be coordinated with the City LCP, an important goal of the Coastal Commission. The LCP update will enable continued coastal agriculture (located mostly in the County), compatible long-term operations of the Port of Hueneme and Naval Base Ventura County, fishing, offshore drilling, and other appropriate coastal dependent commercial uses compatible with recreation and visitor serving uses. The LCP update will include policies to decommission and remove two OTC power plants in an appropriate timeframe, the removal of the Halaco EPA Superfund site, and remediation of these three sites for additional coastal access and to facilitate nature-based sea-level rise adaptations timeframe (consistent with policies in the 2030 General Plan) .

- c. ***Transferability*** - Projects that address issues in a manner that may be useful as a model for other communities will be given priority. The potential transferability of analysis, strategies, or draft ordinance language will be considered in evaluation of proposals.

Oxnard's 10.5 miles of coastal zone present a wide range of SLR challenges and adaptation opportunities found in many coastal communities. About the only coastal issue Oxnard does not have is bluff top development with cliff erosion. Oxnard will be addressing the inland progression of wetlands, coastal agricultural preservation, salt water aquifer intrusion, river estuary expansion, protecting existing marinas and beachfront homes and developing standards for new and remodeled at-risk development, protecting or closing power plants and a wastewater treatment plant exposed to storm events, protecting and eventually relocating a beachfront state park, protecting and enhancing local and regional recreational boating and visitor access, and working with the deep water Port Hueneme commercial port and Naval Base Ventura County to identify and implement joint adaptations to gradual sea level rise.

Oxnard is a full-service General Law city able to initiate LCP policies and programs and evaluate their success or failure. Oxnard shares the same coastline with the City of Port Hueneme, the County of Ventura, and the U.S. Navy requiring effective inter-governmental coordination and cooperation. Also, Oxnard is a majority-minority community and the LCP update, by necessity, will have additional public outreach and Spanish translation.

- d. ***Implementation*** - Identify, with a high degree of specificity, how the work funded by the grant will help the community to update its LCP. Applicants should describe the complete planning process and identify how the work funded by this grant advances that process. Applicants should identify the specific elements of their LCP that they expect to update through this work.

As described in the grant application under Tasks 4 and 5, Oxnard will update the entire 1982 LCP based on the Coastal Commission LCP Update Guidance (2007 and 2011) and Sea-level Rise Guidance (2013 or as eventually adopted). When City staff and consultants initiated the update of the City's 2020 General Plan in 2005, coastal issues (especially the Ormond Beach wetlands restoration) and climate change and sea level rise were prominent issues. Partly due to wanting to incorporate these longer range topics, the general plan planning horizon was extended to the year 2030 and a new chapter created to house climate change and related goals and policies, including policies directing the City to update the LCP and include sea level rise in coastal decision making. The 2030 General Plan was adopted in 2011 and major land use changes and policies were included for the coastal zone. **In short, most of the LCP Update key decisions are already made by the community.**

**With that in mind, staff proposes a straight forward comprehensive LCP update using OPC and CCC grant funds only for expert consultants.** The OPC consultants would complete Tasks 1 to 4 resulting in a new Sea-Level Rise chapter that is essentially the Sea-Level Rise Analysis and Adaptation Report. The CCC grant would retain the LCP Update consultants who would base the LCP Update on the just identified sea-level rise adaptation policies and programs. Many sections of the 1982 LCP can be eliminated as they applied to areas where development had not yet occurred.

As nearly all Oxnard coastal land is now developed or designated for resource protection. The LCP Update will focus on:

- how existing development and public access will adapt to sea level rise
- incorporation of the Ormond Beach Wetlands Restoration Plan
- incorporation of the Channel Islands Harbor Public Works Plan
- relocation and updated master plan for McGrath State Beach
- removal and remediation of the two OTC power plants
- coordination with the City of Port Hueneme, County of Ventura, and US Navy



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FAX 805-965-0701

VENTURA COUNTY OFFICE  
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SUITE 430  
OXNARD, CA 93036  
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# California State Senate

SENATOR  
**HANNAH-BETH JACKSON**  
NINETEENTH SENATE DISTRICT



CHAIR  
JOINT LEGISLATIVE COMMITTEE  
ON EMERGENCY MANAGEMENT

VICE CHAIR  
CALIFORNIA LEGISLATIVE  
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COMMITTEES  
BUDGET & FISCAL REVIEW  
ENVIRONMENTAL QUALITY

JUDICIARY  
NATURAL RESOURCES & WATER  
RULES

JOINT COMMITTEES  
FAIRS, ALLOCATION  
& CLASSIFICATION  
LEGISLATIVE AUDIT

July 7, 2014

Hilary Papendick  
Statewide LCP Grants Coordinator  
California Coastal Commission  
45 Fremont St, Suite 2000  
San Francisco, CA 94105

Re: Support for City of Oxnard LCP Update

Dear Ms. Papendick:

I am writing in strong support of the City of Oxnard's application for grant funding under the Coastal Commission LCP Planning Grant Program. The City's proposal comes at a critical time, as Southern California Edison is currently reviewing responses for the development of new power generation facilities and expects to select a proposal at the end of July 2014 for a replacement to their two once through cooling plants located in the coastal zone. The City of Oxnard enacted an interim urgency ordinance prohibiting the expansion of existing, or development of new electrical generating facilities until the Oxnard Local Coastal Plan Update is complete. The moratorium is designed to afford the City time to study the issue, comply with Federal and State mandates, and consider the adoption of new permanent regulations. An updated Local Coastal Plan incorporating sea level rise analysis provides an important tool for the community to communicate its desires and needs to the California Energy Commission since permitting authority even for the Coastal Zone is outside the local jurisdiction.

The timely completion of an updated Local Coastal Plan is critically important as coastal assets in the City of Oxnard are at risk from sea level rise and associated climate driven hazards such as erosion, river flooding and storm surge. Low-income communities and communities of color have disproportionately carried the burden of power generation from three coastal zone power plants within the City of Oxnard for decades. The City lost a fight to keep a third peaker plant out of their Coastal Zone expressly because of the lack of an updated Local Coastal Plan. Sea level rise data is already available from the Nature Conservancy for the update, and constitutes a \$150,000 in kind contribution. The City of Oxnard has also committed matching funds of \$133,000, which translates to a 3-1 match by the City.

Local Coastal Plan updates, particularly concerning sea level rise, provide a critical planning tool. That is why I have led the fight to secure funding in the state's budget to update Local Coastal Plans. A LCP grant from the California Coastal Commission would enable the City of Oxnard to protect important coastal resources and habitats from current and future impacts of sea level rise and other climate change impacts, and will be a valuable tool for future planning efforts, and climate adaptation. I strongly encourage you to fund this critical project.

Please feel free to contact me or my District Director Carla Castilla at (805)988-1940 with any questions. Thank you for your consideration.

Sincerely,

A handwritten signature in cursive script that reads "Hannah-Beth Jackson". The signature is fluid and elegant, with a long, sweeping underline that extends to the right.

HANNAH-BETH JACKSON  
State Senator, District 19

HBJ: kh

CAPITOL OFFICE  
STATE CAPITOL, ROOM 5080  
SACRAMENTO, CA 95814  
TEL 916 651-4019  
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SANTA BARBARA COUNTY OFFICE  
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FAIRS, ALLOCATION  
& CLASSIFICATION  
LEGISLATIVE AUDIT

July 7, 2014

Abe Doherty  
California Ocean Protection Council  
California Natural Resources Agency  
1416 Ninth Street, Suite 1311  
Sacramento, CA 95814

Re: Support for City of Oxnard LCP Update

Dear Mr. Doherty:

I am writing in strong support of the City of Oxnard's application for grant funding under the Ocean Protection Council's (OPC) LCP Sea-Level Rise Grant Program. The City's proposal comes at a critical time, as Southern California Edison is currently reviewing responses for the development of new power generation facilities and expects to select a proposal at the end of July 2014 for a replacement to their two once through cooling plants located in the coastal zone. The City of Oxnard enacted an interim urgency ordinance prohibiting the expansion of existing, or development of new electrical generating facilities until the Oxnard Local Coastal Plan Update is complete. The moratorium is designed to afford the City time to study the issue, comply with Federal and State mandates, and consider the adoption of new permanent regulations. An updated Local Coastal Plan incorporating sea level rise analysis provides an important tool for the community to communicate its desires and needs to the California Energy Commission since permitting authority even for the Coastal Zone is outside the local jurisdiction.

The timely completion of an updated Local Coastal Plan is critically important as coastal assets in the City of Oxnard are at risk from sea level rise and associated climate driven hazards such as erosion, river flooding and storm surge. Low-income communities and communities of color have disproportionately carried the burden of power generation from three coastal zone power plants within the City of Oxnard for decades. The City lost a fight to keep a third peaker plant out of their Coastal Zone expressly because of the lack of an updated Local Coastal Plan. Sea level rise data is already available from the Nature Conservancy for the update, and constitutes a \$150,000 in kind contribution. The City of Oxnard has also committed matching funds of \$133,000, which translates to a 3-1 match by the City.



Local Coastal Plan updates, particularly concerning sea level rise, provide a critical planning tool. That is why I have led the fight to secure funding in the state's budget to update Local Coastal Plans. An Ocean Protection Council LCP Sea-Level Rise Grant would enable the City of Oxnard to protect important coastal resources and habitats from current and future impacts of sea level rise and other climate change impacts, and will be a valuable tool for future planning efforts, and climate adaptation. I strongly encourage you to fund this critical project.

Please feel free to contact me or my District Director Carla Castilla at (805)988-1940 with any questions. Thank you for your consideration.

Sincerely,

A handwritten signature in cursive script that reads "Hannah-Beth Jackson". The signature is fluid and elegant, with a long, sweeping underline.

HANNAH-BETH JACKSON  
State Senator, District 19

HBJ: kh



June 4, 2014

Hilary Papendick  
Statewide LCP Grants Coordinator  
California Coastal Commission  
45 Fremont St, Suite 2000  
San Francisco, CA 94105

Abe Doherty  
California Ocean Protection Council  
California Natural Resources Agency  
1416 Ninth Street, Suite 1311  
Sacramento, CA 95814

**RE: Letter of Support for City of Oxnard Local Coastal Program Planning Grants Application**

Dear Ms. Papendick and Mr. Doherty,

The Nature Conservancy is writing to support the City of Oxnard's application for the Local Coastal Program Planning Grants joint application. We anticipate being an active partner with the City in many aspects of this exciting project, and urge the California Coastal Commission and California Ocean Protection Council to approve the grant request for the project included in this application.

The Nature Conservancy and its partners have been working within the County of Ventura to use dynamic models to project changes to shoreline, fluvial flooding, and associated ecological systems under various climate change scenarios toward the creation of a Coastal Resilience decision support system. We have invested over \$300,000 throughout the County of Ventura to investigate the scientific, economic and political impacts of these scenarios, in an effort to aid planners at the local level in their coastal adaptation related decision making. This investment gives the City of Oxnard a leg up by providing a uniquely strong foundation from which it can begin to assess the vulnerability of specific assets and design management and adaptation strategies with a high likelihood of success.

This project is particularly compelling because of the City of Oxnard's mixed-use landscape. In particular, response strategies developed through the vulnerability assessment process will need to target urban, open space, and agricultural land uses – among many others – making this landscape an ideal pilot project for this type of planning along the full length of California's coast. Based on the California Coastal Commission's draft Sea-Level Rise Policy Guidance, California cities - including the City of Oxnard - should be planning for and preparing sea level rise vulnerability studies prior to considering any significant Local Coastal Program amendments and/or long-term large scale projects that are critical public infrastructure. Results from the Coastal Resilience Ventura climate hazards model show existing risks in coastal Ventura County that increase over time. Many of the low-lying and beachfront communities and public assets are currently vulnerable to coastal flooding, according to the model results. These results also show significant risks of coastal erosion and flood hazards under various future climate scenarios within the coastal area of the City of Oxnard. These areas contain significant

public (beaches, wetlands, roads, emergency services, etc.) and private (housing, agriculture, businesses, etc.) resources.

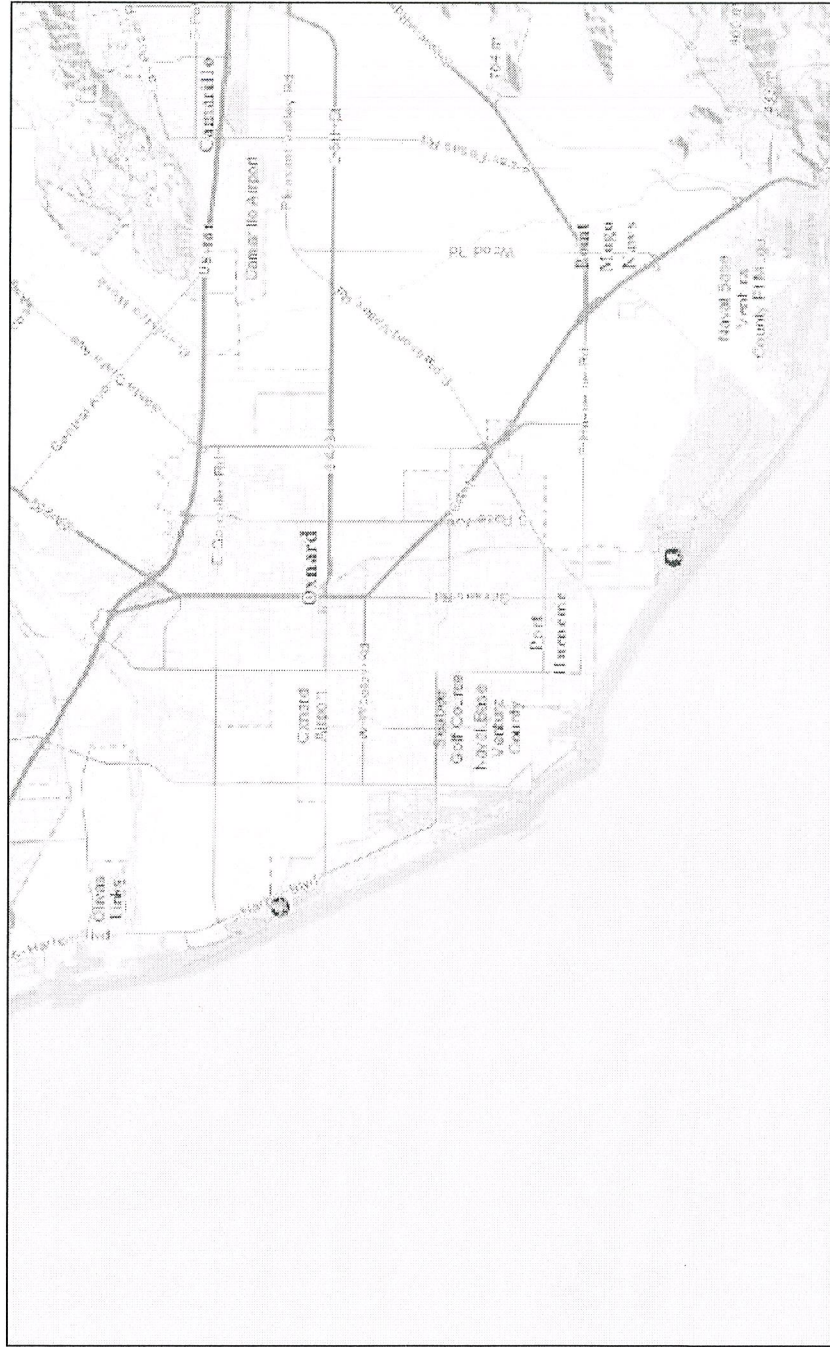
In sum, we strongly support the City of Oxnard's application and efforts to plan for the impacts of sea level rise. We will continue to work with the City so they can glean the benefits of our modeling work and decision support tools to make the most well-informed planning decisions for the future of coastal Ventura County.

Sincerely,

A handwritten signature in dark ink, reading "Lily Verdone." The signature is written in a cursive, flowing style.

Lily Verdone  
LA-Ventura Project Director  
The Nature Conservancy

Map 1: Current Coastal Flood Risk - City of Oxnard Electric Power Generation Facilities



April 16, 2014

Flood Inundation (large storm) Current

Electric Power Generation

1:138,053

0 1 2 3 4 mi  
0 1.75 3.5 7 km

Source: Esri, DeLorme, HERE, TomTom, Intermap, Esri, P. Corp.,  
GEOCO, USGS, FAO, NPS, NRCAN, GEBCO, IGN, Kartus, N.L.









February 10, 2012

Heather Fargo  
California Strategic Growth Council  
1400 10<sup>th</sup> Street  
Sacramento, CA 95814

Subject: Sustainable Communities Planning Grant and Incentive Program

Dear Ms. Fargo:

We are writing in support of the City of Oxnard's application for an LCP Update grant.

The proposed Oxnard Local Coastal Program, the scope of which stretches from the Santa Clara River to Mugu Lagoon, encompasses some of the most important remnant natural systems and some of the most inappropriate development on the coast of California. It includes the magnificent Santa Clara river estuary, a coastal freshwater lake, extensive primary and secondary dune systems, and the vast open space and wildlife of the Ormond Beach area. Draft restoration and development plans with the support of this grant and the continued strong support of Senator Fran Pavley, author of AB32, eliminate the worst of past development, protect and restore these natural systems and serve as a model of coastal development as we adjust to sea level rise and climate change.

The focus of much of this effort will be at Ormond Beach. This project lead by the State Coastal Conservancy, but which relies on the full cooperation and support of the City of Oxnard and the partners listed below, will: restore 1,000 acres of historic coastal wetlands, integrate these wetlands with the adjoining Mugu Lagoon system to form the largest coastal wetland in southern California, accommodate sea level rise and allow room for the transgression of the dunes and wetlands as the shoreline recedes, buffer the effects of more severe storm events as climate changes, sequester thousands of metric tons of carbon per year, provide habitat for 47 special status wildlife species, recreate lagoons that represent a unique archetype in the

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Oakland, California 94612-2512  
510-286-1015 Fax: 510-286-0470

historical ecology of southern California, help solve seawater intrusion and groundwater overdraft problems, create a clean airshed for Oxnard, reclaim runoff from three urban drainages, utilize state of the art advanced treatment to make urban wastewater available to the wetlands, eliminate an obsolete power plant whose once through cooling system has destroyed offshore aquatic life for fifty years, damaged air quality and reduced wildlife in the surrounding remnant wetlands, eliminate a toxic superfund site that is bordered on three sides by wetlands and sits next to a residential area and drains directly into a lagoon, restore scenic views of the channel islands and the Santa Monica Mountains, reduce flooding of agricultural lands, concentrate development to allow more room for wetlands, parks, and farms, solve endemic environmental justice issues caused by concentrated industrial development between an economically disadvantaged community and its coastal shoreline, complete the Coastal Trail through Oxnard and link south Ormond Beach and the lagoon complex to trail systems from the Santa Monica Mountains, Calleguas Creek, and the Santa Clara River, design pedestrian friendly new development at the urban edge reflecting the highest priorities of the Coastal Act and encouraging visitor serving, coastal dependent and commercial recreation uses all open to the public that attract and provide services for visitors from around the state and around the country, include an interpretive center and an educational campus for study of the environmental sciences, attract birders from around the world, provide classes and hands-on volunteer involvement in native plant nurseries growing plants to be used in the restoration, foster ecotourism and include a demonstration farm highlighting locally grown produce for which Ventura is famous, and inspire others with designs and techniques to build their own sustainable communities.

The Ormond Beach Wetlands Restoration project has the support of all of the federal and state resource agencies. It is a high priority for the State Coastal Conservancy and the Southern California Wetlands Recovery Project, a consortium of federal and state agencies working in partnership to restore the coastal wetlands and estuaries of southern California. Aside from the Coastal Conservancy, the primary funder, the project has received grants from the U.S. Fish and Wildlife Service, U.S. Environmental Protection Agency, and the State Wildlife Conservation Board. The Department of the Navy has committed funds toward the acquisition effort. It is a high priority portfolio property of the Nature Conservancy which holds 276 acres.

Sincerely yours,



Peter S. Brand

## Attachment C

**APPLICATION CHECKLIST**

A complete Grant Application Packet includes the following components. Please submit all documents in a single PDF file and the Project Description, Work Program, Budget, and Schedule as a Word document, as noted below. **It is very important to receive the PDF file and a Word document for efficiency in preparing grant agreement documents.** Thank you for your attention to these important components of the application.

- Signed Joint Grant Application Form (.pdf)
- Project Description (.doc)
- Work Program, Budget, and Schedule (.doc)
- Signed Resolution(s) (.pdf)
- Supplemental form(s)
- All documents combined into a single PDF file (.pdf)